

Andrea Longhin

List of Publications by Year in descending order

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263
papers

10,156
citations

46918

47
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92
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269
docs citations

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times ranked

8306
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.	2.9	1,054
2	Combined measurement and QCD analysis of the inclusive $e^{\pm} p$ scattering cross sections at HERA. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	458
3	Combination of measurements of inclusive deep inelastic $\{e^{\pm} p\}$ scattering cross sections and QCD analysis of HERA data. <i>European Physical Journal C</i> , 2015, 75, 1.	1.4	383
4	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. <i>Physical Review Letters</i> , 2014, 112, 061802.	2.9	369
5	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. <i>Nature</i> , 2020, 580, 339-344.	13.7	313
6	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mn} \rangle 6.6 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle 205 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle$ on target. <i>Physical Review D</i> , 2015, 91, .	1.6	205
7	The OPERA experiment in the CERN to Gran Sasso neutrino beam. <i>Journal of Instrumentation</i> , 2009, 4, P04018-P04018.	0.5	195
8	Observation of a first $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{1} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{1}, \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ candidate event in the OPERA experiment in the CNGS beam. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 691, 138-145.	1.5	173
9	Precise Measurement of the Neutrino Mixing Parameter $\hat{1} \langle \text{mml:math} \rangle$ from Muon Neutrino Disappearance in an Off-Axis Beam. <i>Physical Review Letters</i> , 2014, 112, 181801.	2.9	168
10	T2K neutrino flux prediction. <i>Physical Review D</i> , 2013, 87, .	1.6	165
11	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with $\langle \text{mml:math} \rangle \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mn} \rangle 2.2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 10 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle 21 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle$ Protons on Target. <i>Physical Review Letters</i> , 2018, 121, 171802.	2.9	165
12	Exclusive electroproduction of J/ψ mesons at HERA. <i>Nuclear Physics B</i> , 2004, 695, 3-37.	0.9	164
13	Evidence for a narrow baryonic state decaying to $K^0 S^0$ and $K^0 S^0 \hat{1}$, in deep inelastic scattering at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 591, 7-22.	1.5	162
14	Physics potential of a long-baseline neutrino oscillation experiment using a J-PARC neutrino beam and Hyper-Kamiokande. <i>Progress of Theoretical and Experimental Physics</i> , 2015, 2015, 53C02-0.	1.8	157
15	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. <i>Physical Review Letters</i> , 2017, 118, 151801.	2.9	146
16	Measurement of deeply virtual Compton scattering at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 573, 46-62.	1.5	143
17	Combination and QCD analysis of charm production cross section measurements in deep-inelastic ep scattering at HERA. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	134
18	Discovery of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{1}, \langle \text{mml:math} \rangle$ Neutrino Appearance in the CNGS Neutrino Beam with the OPERA Experiment. <i>Physical Review Letters</i> , 2015, 115, 121802.	2.9	132

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19	Measurement of the neutrino velocity with the OPERA detector in the CNGS beam. Journal of High Energy Physics, 2012, 2012, 1.	1.6	116
20	Evidence of electron neutrino appearance in a muon neutrino beam. Physical Review D, 2013, 88, .	1.6	116
21	Measurement of neutrino and antineutrino oscillations by the T2K experiment including a new additional sample of $\nu_{\mu} \rightarrow \nu_{\tau}$ interactions at the far detector. Physical Review D, 2017, 96, .	1.6	95
22	Measurement of D^{\pm} production in deep inelastic e^{\pm} scattering at DESY HERA. Physical Review D, 2004, 69, .	1.6	94
23	Measurement of the inclusive $\nu_{\mu} \rightarrow \nu_{\tau}$ charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	1.6	94
24	Final Results of the OPERA Experiment on $\nu_{\mu} \rightarrow \nu_{\tau}$ Appearance in the CNGS Neutrino Beam. Physical Review Letters, 2018, 120, 211801.	2.9	91
25	First events from the CNGS neutrino beam detected in the OPERA experiment. New Journal of Physics, 2006, 8, 303-303.	1.2	88
26	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
27	Exclusive electroproduction of \bar{D}^* mesons at HERA. Nuclear Physics B, 2005, 718, 3-31.	0.9	83
28	Search for single-top production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 559, 153-170.	1.5	79
29	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803.	2.9	79
30	Study of deep inelastic inclusive and diffractive scattering with the ZEUS forward plug calorimeter. Nuclear Physics B, 2005, 713, 3-80.	0.9	77
31	First muon-neutrino disappearance study with an off-axis beam. Physical Review D, 2012, 85, .	1.6	77
32	Measurement of double-differential muon neutrino charged-current interactions on C_8H_8 without pions in the final state using the T2K off-axis beam. Physical Review D, 2016, 93, .	1.6	77
33	Physics potentials with the second Hyper-Kamiokande detector in Korea. Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	77
34	Evidence for $\nu_{\mu} \rightarrow \nu_{\tau}$ in the CNGS neutrino beam with the OPERA experiment. Physical Review D, 2014, 89, .	2.6	76
35	Exclusive photoproduction of \bar{D}^* mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 4-12.	1.5	70
36	The design and performance of the ZEUS micro vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 656-686.	0.7	66

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37	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. <i>Physical Review D</i> , 2018, 98, .	1.6	66
38	Inclusive-jet and dijet cross sections in deep inelastic scattering at HERA. <i>Nuclear Physics B</i> , 2007, 765, 1-30.	0.9	65
39	Momentum measurement by the multiple Coulomb scattering method in the OPERA lead-emulsion target. <i>New Journal of Physics</i> , 2012, 14, 013026.	1.2	64
40	Improved constraints on neutrino mixing from the T2K experiment with $\sin^2 2\theta_{13} = 0.086 \pm 0.017$ on target. <i>Physical Review D</i> , 2021, 103, .	1.6	64
41	Measurement of the longitudinal proton structure function at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 682, 8-22.	1.5	62
42	A QCD analysis of ZEUS diffractive data. <i>Nuclear Physics B</i> , 2010, 831, 1-25.	0.9	62
43	Search for $\nu_{\tau} \rightarrow \nu_{\mu}$ oscillations with the OPERA experiment in the CNGS beam. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	58
44	Deep inelastic scattering with leading protons or large rapidity gaps at HERA. <i>Nuclear Physics B</i> , 2009, 816, 1-61.	0.9	57
45	New results on $\nu_{\tau} \rightarrow \nu_{\mu}$ oscillations, appearance with the OPERA experiment in the CNGS beam. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	51
46	High- Q^2 neutral current cross sections in e+p deep inelastic scattering at $s=318 \text{ GeV}$. <i>Physical Review D</i> , 2004, 70, .	1.6	50
47	The RPC system of the OPERA experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 602, 631-634.	0.7	49
48	Combination and QCD analysis of charm and beauty production cross-section measurements in deep inelastic ep scattering at HERA. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	49
49	Measurement of D^{\pm} and D^0 production in deep inelastic scattering using a lifetime tag at HERA. <i>European Physical Journal C</i> , 2009, 63, 171-188.	1.4	47
50	Measurement of charm and beauty production in deep inelastic ep scattering from decays into muons at HERA. <i>European Physical Journal C</i> , 2010, 65, 65-79.	1.4	46
51	Search for heavy neutrinos with the T2K near detector ND280. <i>Physical Review D</i> , 2019, 100, .	1.6	46
52	Measurement of isolated photon production in deep inelastic ep scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 687, 16-25.	1.5	45
53	Study of neutrino interactions with the electronic detectors of the OPERA experiment. <i>New Journal of Physics</i> , 2011, 13, 053051.	1.2	44
54	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

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55	Measurement of the open-charm contribution to the diffractive proton structure function. Nuclear Physics B, 2003, 672, 3-35.	0.9	43
56	Measurement of the $\langle \sigma_{\text{QE}}^{\nu N} \rangle$ quasielastic cross section on carbon with the ND280 detector at T2K. Physical Review D, 2015, 92, .	1.6	38
57	Diffractive photoproduction of dijets in ep collisions at HERA. European Physical Journal C, 2008, 55, 177-191.	1.4	41
58	The detection of neutrino interactions in the emulsion/lead target of the OPERA experiment. Journal of Instrumentation, 2009, 4, P06020-P06020.	0.5	41
59	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D87, 012001 (2013)]. Physical Review D, 2013, 87, .	1.6	40
60	Inclusive-jet photoproduction at HERA and determination of. Nuclear Physics B, 2012, 864, 1-37.	0.9	39
61	Measurement of beauty production in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 599, 173-189.	1.5	38
62	Measurement of the inclusive $\langle \sigma_{\text{QE}}^{\nu N} \rangle$ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. Physical Review D, 2014, 90, .	1.6	38
63	Search for resonance decays to lepton+jet at DESY HERA and limits on leptoquarks. Physical Review D, 2003, 68, .	1.6	37
64	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
65	A fully-active fine-grained detector with three readout views. Journal of Instrumentation, 2018, 13, P02006-P02006.	0.5	37
66	Leading neutron energy and distributions in deep inelastic scattering and photoproduction at HERA. Nuclear Physics B, 2007, 776, 1-37.	0.9	36
67	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
68	Measurement of the $\langle \sigma_{\text{QE}}^{\nu N} \rangle$ charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. Physical Review D, 2015, 91, .	1.6	36
69	A novel technique for the measurement of the electron neutrino cross section. European Physical Journal C, 2015, 75, 1.	1.4	36
70	Combined inclusive diffractive cross sections measured with forward proton spectrometers in deep inelastic ep scattering at HERA. European Physical Journal C, 2012, 72, 1.	1.4	33
71	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
72	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

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73	Search for single-top production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 27-36.	1.5	32
74	Neutrino oscillation physics potential of the T2K experiment. Progress of Theoretical and Experimental Physics, 2015, 2015, .	1.8	32
75	Bottom photoproduction measured using decays into muons in dijet events in ep collisions at $\sqrt{s}=318\text{GeV}$. Physical Review D, 2004, 70, .	1.6	31
76	Jet-radius dependence of inclusive-jet cross sections in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 649, 12-24.	1.5	31
77	Dijet production in diffractive deep inelastic scattering at HERA. European Physical Journal C, 2007, 52, 813-832.	1.4	31
78	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
79	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. Physical Review Letters, 2016, 116, 181801.	2.9	31
80	Search for contact interactions, large extra dimensions and finite quark radius in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 23-41.	1.5	30
81	Emulsion sheet doublets as interface trackers for the OPERA experiment. Journal of Instrumentation, 2008, 3, P07005-P07005.	0.5	30
82	Measurement of high- Q^2 neutral current deep inelastic e^+p scattering cross sections with a longitudinally polarised electron beam at HERA. European Physical Journal C, 2009, 62, 625-658.	1.4	30
83	Deep inelastic cross-section measurements at large Q^2 with the ZEUS detector at HERA. Physical Review D, 2014, 90, .	1.6	30
84	Measurement of high- Q^2 charged current deep inelastic scattering cross sections with a longitudinally polarised positron beam at HERA. European Physical Journal C, 2010, 70, 945-963.	1.4	29
85	Production of excited charm and charm-strange mesons at HERA. European Physical Journal C, 2009, 60, 25-45.	1.4	28
86	Measurement of charged current deep inelastic scattering cross sections with a longitudinally polarised electron beam at HERA. European Physical Journal C, 2009, 61, 223-235.	1.4	28
87	Deep inelastic inclusive and diffractive scattering at Q^2 values from 25 to 320 GeV^2 with the ZEUS forward plug calorimeter. Nuclear Physics B, 2008, 800, 1-76.	0.9	27
88	Inclusive dijet cross sections in neutral current deep inelastic scattering at HERA. European Physical Journal C, 2010, 70, 965-982.	1.4	27
89	Inclusive jet cross sections and dijet correlations in photoproduction at HERA. Nuclear Physics B, 2005, 729, 492-525.	0.9	26
90	Event shapes in deep inelastic scattering at HERA. Nuclear Physics B, 2007, 767, 1-28.	0.9	26

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91	Measurement of the atmospheric muon charge ratio with the OPERA detector. European Physical Journal C, 2010, 67, 25-37.	1.4	26
92	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. Physical Review D, 2014, 89, .	1.6	26
93	Search for first-generation leptoquarks at HERA. Physical Review D, 2012, 86, .	1.6	25
94	High intensity neutrino oscillation facilities in Europe. Physical Review Special Topics: Accelerators and Beams, 2013, 16, .	1.8	25
95	Measurement of prompt photons with associated jets in photoproduction at HERA. European Physical Journal C, 2007, 49, 511-522.	1.4	24
96	Inclusive jet cross sections in NC DIS at HERA and a comparison of the k_T and SiScone jet algorithms. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 86-100.	1.5	24
97	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
98	Measurement of Coherent $\mu^+\mu^-$ Production in Low Energy Neutrino-Carbon Scattering. Physical Review Letters, 2016, 117, 192501.	1.6	24
99	Shashlik Calorimeters With Embedded SiPMs for Longitudinal Segmentation. IEEE Transactions on Nuclear Science, 2017, 64, 1056-1061.	1.2	24
100	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
101	Measurement of charm fragmentation fractions in photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	23
102	Updated T2K measurements of muon neutrino and antineutrino disappearance using 1.5σ protons on target. Physical Review D, 2017, 96, .	1.6	23
103	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
104	Observation of isolated high-ET photons in deep inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 86-100.	1.5	22
105	Search for pentaquarks decaying to $\hat{1}\hat{1}\hat{1}\hat{1}\hat{1}$ in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 610, 212-224.	1.5	22
106	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
107	Dijet angular distributions in photoproduction of charm at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 87-101.	1.5	21
108	Forward jet production in deep inelastic ep scattering and low-x parton dynamics at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 13-26.	1.5	21

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127	Irradiation and performance of RGB-HD Silicon Photomultipliers for calorimetric applications. Journal of Instrumentation, 2019, 14, P02029-P02029.	0.5	17
128	Tests of OPERA RPC detectors. IEEE Transactions on Nuclear Science, 2005, 52, 2963-2970.	1.2	16
129	Electron/pion separation with an Emulsion Cloud Chamber by using a Neural Network. Journal of Instrumentation, 2007, 2, P02001-P02001.	0.5	16
130	Photoproduction of D_s^{\pm} mesons associated with a leading neutron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 590, 143-160.	1.5	15
131	Study of the pion trajectory in the photoproduction of leading neutrons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 610, 199-211.	1.5	15
132	Testbeam performance of a shashlik calorimeter with fine-grained longitudinal segmentation. Journal of Instrumentation, 2018, 13, P01028-P01028.	0.5	15
133	Final results of the search for $\hat{1}/2\hat{1}/4 \hat{\nu} \nu'$ oscillations with the OPERA detector in the CNGS beam. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
134	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation rays. Physical Review D, 2019, 100, .	1.6	15
135	High-ETdijet photoproduction at HERA. Physical Review D, 2007, 76, .	1.6	14
136	Measurement of the t dependence in exclusive photoproduction of $\bar{\nu}$. Physical Review D, 2015, 91, .	1.5	14
137	Elementary Particle and High-Energy Physics, 2012, 708, 14-20. Neutrino super beam based on a superconducting proton linac. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	14
138	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
139	Large-Angle Scattering of Multi-GeV Muons on Thin Lead Targets. IEEE Transactions on Nuclear Science, 2015, 62, 2216-2225.	1.2	14
140	Search for short baseline $\hat{1}/2$ disappearance with the T2K near detector. Physical Review D, 2015, 91, .	1.6	14
141	Measurement of the muon neutrino inclusive charged-current cross section in the energy range of $1 \leq E_{\nu} \leq 3 \text{ GeV}$ with the T2K INGRID detector. Physical Review D, 2016, 93, .	1.6	14
142	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
143	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
144	Design and prototype tests of the RPC system for the OPERA spectrometers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 508, 175-180.	0.7	13

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145	Substructure dependence of jet cross sections at HERA and determination of. Nuclear Physics B, 2004, 700, 3-50.	0.9	13
146	Measurement of azimuthal asymmetries in neutral current deep inelastic scattering at HERA. European Physical Journal C, 2007, 51, 289-299.	1.4	13
147	Measurement of beauty production in deep inelastic scattering at HERA using decays into electrons. European Physical Journal C, 2011, 71, 1.	1.4	13
148	Measurement of heavy-quark jet photoproduction at HERA. European Physical Journal C, 2011, 71, 1.	1.4	13
149	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
150	Production of the excited charm mesons and at HERA. Nuclear Physics B, 2013, 866, 229-254.	0.9	13
151	Measurement of the cross-section ratio $\sigma(\gamma^* \rightarrow 2S) / \sigma(\gamma^* \rightarrow 1S)$ in deep inelastic exclusive ep scattering at HERA. Nuclear Physics B, 2016, 909, 934-953.	0.9	13
152	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. Physical Review Letters, 2020, 124, 161802.	2.9	13
153	Forward-jet production in deep inelastic ep scattering at HERA. European Physical Journal C, 2007, 52, 515-530.	1.4	12
154	Beauty photoproduction using decays into electrons at HERA. Physical Review D, 2008, 78, .	1.6	12
155	Measurement of J/ψ photoproduction at large momentum transfer at HERA. Journal of High Energy Physics, 2010, 2010, 1.	1.6	12
156	The MEMPHYS project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 639, 287-289.	0.7	12
157	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
158	Isolated tau leptons in events with large missing transverse momentum at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 41-58.	1.5	11
159	The quality control tests for the RPCs of the OPERA experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 203-207.	0.7	11
160	Study of the effects induced by lead on the emulsion films of the OPERA experiment. Journal of Instrumentation, 2008, 3, P07002-P07002.	0.5	11
161	Combined QCD and electroweak analysis of HERA data. Physical Review D, 2016, 93, .	1.6	11
162	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

#	ARTICLE	IF	CITATIONS
163	T2K measurements of muon neutrino and antineutrino disappearance using $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3.13 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \tilde{\Delta} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 10 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \times \langle \text{mml:math} \rangle$ protons on target. <i>Physical Review D</i> , 2021, 103, .	1.6	11
164	Bose-Einstein correlations in one and two dimensions in deep inelastic scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 583, 231-246.	1.5	10
165	Bose-Einstein correlations of charged and neutral kaons in deep inelastic scattering at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 652, 1-12.	1.5	10
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