

# Cesar Manuel Castromonte Flores

## List of Publications by Year in descending order

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39  
papers

1,878  
citations

361413

20  
h-index

315739

38  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1679  
citing authors

#	ARTICLE	IF	CITATIONS
1	The NuMI neutrino beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 806, 279-306.	1.6	202
2	Measurement of Neutrino and Antineutrino Oscillations Using Beam and Atmospheric Data in MINOS. Physical Review Letters, 2013, 110, 251801.	7.8	196
3	Combined analysis of $\nu_{\mu} \rightarrow \nu_{\tau}$ and $\bar{\nu}_{\mu} \rightarrow \bar{\nu}_{\tau}$ oscillations in the MINOS experiment. Physical Review Letters, 2013, 111, 022502.	7.8	187
4	Measurement of Muon Neutrino Quasielastic Scattering on a Hydrocarbon Target at $E_{\nu} = 1.5$ to $20$ GeV. Physical Review Letters, 2013, 111, 022502.	7.8	179
5	Measurement of Muon Antineutrino Quasielastic Scattering on a Hydrocarbon Target at $E_{\nu} = 1.5$ to $20$ GeV. Physical Review Letters, 2013, 111, 022501.	7.8	142
6	Design, calibration, and performance of the MINERvA detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 743, 130-159.	1.6	139
7	Search for Sterile Neutrinos in MINOS and MINOS+ Using a Two-Detector Fit. Physical Review Letters, 2019, 122, 091803.	7.8	91
8	Limits on Active to Sterile Neutrino Oscillations from Disappearance Searches in the MINOS, Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2016, 117, 151801.	7.8	71
9	Measurement of Coherent Production of $\nu_{\mu}$ and $\bar{\nu}_{\mu}$ in Neutrino and Antineutrino Beams from Carbon from $E_{\nu} = 1.5$ to $20$ GeV. Physical Review Letters, 2014, 113, 261802.	7.8	67
10	Search for Sterile Neutrinos Mixing with Muon Neutrinos in MINOS. Physical Review Letters, 2016, 117, 151803.	7.8	60
11	Study of quasielastic scattering using charged-current $\nu_{\mu} \rightarrow \nu_{\tau}$ interactions in the MINOS near detector. Physical Review D, 2015, 91, 073001.	4.7	53
12	Measurement of Ratios of Charged-Current Cross Sections on C, Fe, and Pb to CH at Neutrino Energies $2 \leq E_{\nu} \leq 20$ GeV. Physical Review Letters, 2014, 112, 231801.	7.8	48
13	Improved Constraints on Sterile Neutrino Mixing from Disappearance Searches in the MINOS, Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2020, 125, 071801.	4.7	48
14	Improved Constraints on Sterile Neutrino Mixing from Disappearance Searches in the MINOS, Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2020, 125, 071801.	7.8	40
15	Dalitz plot analysis of the $D \rightarrow K \ell^+ \ell^-$ decay in the FOCUS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 1-11.	4.1	39
16	DEMONSTRATION OF COMMUNICATION USING NEUTRINOS. Modern Physics Letters A, 2012, 27, 1250077.	1.2	37
17	The S-wave from the $D \rightarrow K \ell^+ \ell^-$ decay in the FOCUS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 14-21.	4.1	33
18	Search for T violation in charm meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 622, 239-248.	4.1	30

#	ARTICLE	IF	CITATIONS
19	Precision Constraints for Three-Flavor Neutrino Oscillations from the Full MINOS+ and MINOS Dataset. <i>Physical Review Letters</i> , 2020, 125, 131802. Study of the decay asymmetry parameter and CP violation parameter in the $\Lambda_c^+$ baryon. <i>Physical Review D</i> , 2019, 100, 034011.	7.8	28
20	Search for a pentaquark decaying to $\Lambda_c^+ \pi^0$ . <i>Physical Review Letters</i> , 2019, 123, 022001.	4.1	22
21	Application of genetic programming to high energy physics event selection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 551, 504-527.	1.6	21
22	Search for a strongly decaying neutral charmed pentaquark. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 622, 229-238.	4.1	18
23	Search for a pentaquark decaying to $\Lambda_c^+ \pi^0$ . <i>Physical Review Letters</i> , 2019, 123, 022001.	4.1	16
24	Study of the $D^0 \rightarrow \bar{K}^* \ell^+ \ell^-$ decay. <i>Physical Review D</i> , 2007, 75, .	4.7	16
25	The MINERvA data acquisition system and infrastructure. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 694, 179-182.	1.6	16
26	Observation of muon intensity variations by season with the MINOS near detector. <i>Physical Review D</i> , 2014, 90, .	4.7	16
27	Measurement of single $\Lambda_c^+$ production by coherent neutral-current $\Lambda_c^+ \rightarrow \Lambda_c^+ \gamma$ interactions in the MINOS Near Detector. <i>Physical Review D</i> , 2016, 94, .	4.7	12
28	Precision measurement of the speed of propagation of neutrinos using the MINOS detectors. <i>Physical Review D</i> , 2015, 92, .	4.7	11
29	Search for a pentaquark decaying to $\Lambda_c^+ \pi^0$ . <i>Physical Review Letters</i> , 2019, 123, 022001.	4.1	10
30	Observation of seasonal variation of atmospheric multiple-muon events in the MINOS Near and Far Detectors. <i>Physical Review D</i> , 2015, 91, .	4.7	8
31	Search for a pentaquark decaying to $\Lambda_c^+ \pi^0$ . <i>Physical Review Letters</i> , 2019, 123, 022001.	4.1	6
32	Search for flavor-changing nonstandard neutrino interactions using $\bar{\nu}_e$ appearance in MINOS. <i>Physical Review D</i> , 2017, 95, .	4.7	6
33	Search for a pentaquark decaying to $\Lambda_c^+ \pi^0$ . <i>Physical Review Letters</i> , 2019, 123, 022001.	4.1	5
34	Measurement of the $D_s^+$ Lifetime. <i>Physical Review Letters</i> , 2005, 95, 052003.	7.8	4
35	Amor-parametric approach to measuring the $\Lambda_c^+$ baryon. <i>Physical Review D</i> , 2019, 100, 034011.	4.1	4
36	Amor-parametric approach to measuring the $\Lambda_c^+$ baryon. <i>Physical Review D</i> , 2019, 100, 034011.	4.1	4

#	ARTICLE	IF	CITATIONS
37	Study of Cabibbo suppressed decays of the $D_s^+$ charmed-strange meson involving a $K^0$	4.1	1
38	Measurement of the multiple-muon charge ratio in the MINOS Far Detector. Physical Review D, 2016, 93, .	4.7	1
39	Polarization Study Of $\Lambda_c^+$ Baryon Using Data From The Fermilab E831 Experiment. AIP Conference Proceedings, 2008, , .	0.4	0