Cesar Manuel Castromonte Flores

List of Publications by Year
in descending order

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	Improved Constraints on Sterile Neutrino Mixing from Disappearance Searches in the MINOS, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>MINOS</mml:mi><mml:mo>+</mml:mo></mml:mrow></mml:math> , Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2020, 125, 071801.	7.8	40
2	Precision Constraints for Three-Flavor Neutrino Oscillations from the Full MINOS+ and MINOS Dataset. Physical Review Letters, 2020, 125, 131802.	7.8	28
3	Search for Sterile Neutrinos in MINOS and MINOS+ Using a Two-Detector Fit. Physical Review Letters, 2019, 122, 091803.	7.8	91
4	Search for flavor-changing nonstandard neutrino interactions using Î½e appearance in MINOS. Physical Review D, 2017, 95, .	4.7	6
5	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
6	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
7	Search for Sterile Neutrinos Mixing with Muon Neutrinos in MINOS. Physical Review Letters, 2016, 117, 151803.	7.8	60
8	Measurement of the multiple-muon charge ratio in the MINOS Far Detector. Physical Review D, 2016, 93, .	4.7	1
9	Measurement of single<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ï€</mml:mi><mml:mn>0</mml:mn></mml:msup></mml:math>production by coherent neutral-current<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î½</mml:mi></mml:math>Fe interactions in the MINOS Near Detector. Physical Review D, 2016, 94, .	4.7	12
10	Measurement of muon plus proton final states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>Î¼</mml:mi></mml:msub></mml:math>interactions on hydrocarbon at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">âŸ¨</mml:mo><mml:msub><mml:mrow><mml:mi mathvariant="normal">E</mml:mi></mml:mrow><mml:mrow><mml:mi>Î½</mml:mi></mml:mrow></mml:msub><mml:mo	4.7	48
11	Observation of seasonal variation of atmospheric multiple-muon events in the MINOS Near and Far Detectors. Physical Review D, 2015, 91, .	4.7	8
12	Precision measurement of the speed of propagation of neutrinos using the MINOS detectors. Physical Review D, 2015, 92, .	4.7	11
13	Study of quasielastic scattering using charged-current<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Î½</mml:mi></mml:mrow><mml:mrow><mml:mi>Î¼</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>interactions in the MINOS near detector. Physical Review D, 2015, 91, .	4.7	53
14	Measurement of Coherent Production ofÏ€Â±in Neutrino and Antineutrino Beams on Carbon fromEÎ½of 1.5 to 20ÂGeV. Physical Review Letters, 2014, 113, 261802.	7.8	67
15	Combined Analysis of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Î½</mml:mi></mml:mrow><mml:mrow><mml:mi>Î¼</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>Î¼</mml:mi></mml:msub><mml:mo stretchy="false">â†’</mml:mo><mml:msub><mml:mi>Î½</mml:mi><mml:mi>e</mml:mi></mml:msub></mml:math>Appearance in MINOS Using Accelerator, Physical Review Letters, 2014, 112, 191801.	7.8	187
16	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
17	Observation of muon intensity variations by season with the MINOS near detector. Physical Review D, 2014, 90, .	4.7	16
18	Measurement of Ratios of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>Î¼</mml:mi></mml:msub></mml:math> Charged-Current Cross Sections on C, Fe, and Pb to CH at Neutrino Energies 2â€“20ÂGeV. Physical Review Letters, 2014, 112, 231801.	7.8	48

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19	Measurement of Muon Antineutrino Quasielastic Scattering on a Hydrocarbon Target at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>E</mml:mi><mml:mi>Î½</mml:mi></mml:msub><mml:mo>â^¼</mml:mo><mml:mn>3.5</mml:mn> Physical Review Letters, 2013, 111, 022501.	7.8	142
20	Measurement of Neutrino and Antineutrino Oscillations Using Beam and Atmospheric Data in MINOS. Physical Review Letters, 2013, 110, 251801.	7.8	196
21	Measurement of Muon Neutrino Quasielastic Scattering on a Hydrocarbon Target at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>E</mml:mi><mml:mi>Î½</mml:mi></mml:msub><mml:mo>â^¼</mml:mo><mml:mn>3.5</mml:mn> Physical Review Letters, 2013, 111, 022502.	7.8	179
22	DEMONSTRATION OF COMMUNICATION USING NEUTRINOS. Modern Physics Letters A, 2012, 27, 1250077.	1.2	37
23	The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0011.gif" overflow="scroll"><mml:mi>MINER</mml:mi><mml:mi mathvariant="normal">Î½</mml:mi><mml:mi mathvariant="normal">A</mml:mi></mml:math> data acquisition system and infrastructure. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and	1.6	16
24	The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>K</mml:mi><mml:mo>â^’</mml:mo></mml:msup><mml:msup><mml:mi>Ï€</mml:mi><mml:m S-wave from the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msup><mml:mi>D</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo>â†’</mml:mo><mml:msup><mml: Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 14-21.	4.1	33
25	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mi>D</mml:mi><mml:mi>s</mml:mi><mml:mo>+</mml:mo></mml:msubsup></mml:math> charmed-strange meson involving a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif"	4.1	1
26	Search for a pentaquark decaying to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>Îž</mml:mi><mml:mo>â^’</mml:mo></mml:msup><mml:msup><mml:mi>Ï€</mml:mi><mml:m Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 661, 14-21.	4.1	6
27	Polarization Study Of Î›[sub c] Baryon Using Data From The Fermilab E831 Experiment. AIP Conference Proceedings, 2008, , .	0.4	0
28	Study of theD0â†’Ï€âˆ’Ï€+Ï€âˆ’Ï€+decay. Physical Review D, 2007, 75, .	4.7	16
29	A non-parametric approach to measuring the <mml:math altimg="si1.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"	4.1	4
30	Dalitz plot analysis of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>D</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo>â†’</mml:mo><mml:msup><mml: decay in the FOCUS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 1-11.	4.1	30
31	New measurement of <mml:math altimg="si1.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"	4.1	22
32	New measurement of <mml:math altimg="si1.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"	4.1	4
33	New measurement of <mml:math altimg="si1.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"	4.1	16
34	Application of genetic programming to high energy physics event selection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 551, 504-527.	1.6	21
35	Search for a strongly decaying neutral charmed pentaquark. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 622, 229-238.	4.1	18
36	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

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37	<mml:math altimg="si1.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" Search for <mml:math altimg="si1.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:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	4.1	5
38		4.1	10
39	Measurement of theDs+Lifetime. Physical Review Letters, 2005, 95, 052003.	7.8	4