

Stefano Castro Tognini

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,653
citations

516710

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22
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docs citations

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times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Constraints on Sterile Neutrino Mixing from Disappearance Searches in the MINOS, $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{MINOS} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$, 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	New constraints on oscillation parameters from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{\theta}_{12} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ appearance and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{\theta}_{12} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{\theta}_{14} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ disappearance in the NOvA experiment. Physical Review D, 2018, 98, .	4.7	108
5	Search for flavor-changing nonstandard neutrino interactions using $\hat{\theta}_{12}e$ appearance in MINOS. Physical Review D, 2017, 95, .	4.7	6
6	Search for active-sterile neutrino mixing using neutral-current interactions in NOvA. Physical Review D, 2017, 96, .	4.7	42
7	Measurement of the Neutrino Mixing Angle $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{\theta}_{12} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 23 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ in	7.8	87
8	Constraints on Oscillation Parameters from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{\theta}_{12} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ Appearance and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{\theta}_{12} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{\theta}_{14} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ Disappearance in NOvA. Physical Review Letters, 2017, 118, 231801.	7.8	138
9	Constraints on large extra dimensions from the MINOS experiment. Physical Review D, 2016, 94, .	4.7	15
10	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
11	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
12	Search for Sterile Neutrinos Mixing with Muon Neutrinos in MINOS. Physical Review Letters, 2016, 117, 151803.	7.8	60
13	First measurement of muon-neutrino disappearance in NOvA. Physical Review D, 2016, 93, .	4.7	71
14	Measurement of the multiple-muon charge ratio in the MINOS Far Detector. Physical Review D, 2016, 93, .	4.7	1
15	First Measurement of Electron Neutrino Appearance in NOvA. Physical Review Letters, 2016, 116, 151806.	7.8	210
16	Measurement of single $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \hat{\epsilon} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ production by coherent neutral-current $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{\theta}_{12} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Fe interactions in the MINOS Near Detector. Physical Review D, 2016, 94, .	4.7	12
17	Observation of seasonal variation of atmospheric multiple-muon events in the MINOS Near and Far Detectors. Physical Review D, 2015, 91, .	4.7	8
18	Precision measurement of the speed of propagation of neutrinos using the MINOS detectors. Physical Review D, 2015, 92, .	4.7	11

#	ARTICLE	IF	CITATIONS
19	Simulation of atmospheric temperature effects on cosmic ray muon flux. AIP Conference Proceedings, 2015, , .	0.4	0
20	Study of quasielastic scattering using charged-current ν_{μ} interactions in the MINOS near detector. Physical Review D, 2015, 91, 052001.	4.7	53
21	Observation of ν_{μ} disappearance in MINOS Using Accelerator Data. Physical Review Letters, 2014, 112, 191801.	7.8	187
22	Observation of muon intensity variations by season with the MINOS near detector. Physical Review D, 2014, 90, .	4.7	16
23	Measurement of Neutrino and Antineutrino Oscillations Using Beam and Atmospheric Data in MINOS. Physical Review Letters, 2013, 110, 251801.	7.8	196