

Laura-Iuliana Munteanu

List of Publications by Year in descending order

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12
papers

527
citations

1040056

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1199594

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docs citations

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597
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.	1.6	9
2	Sensitivity of the upgraded T2K Near Detector to constrain neutrino and antineutrino interactions with no mesons in the final state by exploiting nucleon-lepton correlations. Physical Review D, 2022, 105, .	4.7	7
3	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, .	4.7	7
4	Improved constraints on neutrino mixing from the T2K experiment with $\mu^+\nu_e$ on target. Physical Review D, 2021, 103, .	4.7	64
5	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.	1.6	20
6	New method for an improved antineutrino energy reconstruction with charged-current interactions in next-generation detectors. Physical Review D, 2020, 101, .	4.7	25
7	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. Physical Review Letters, 2020, 124, 161802.	7.8	13
8	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, .	4.7	21
9	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, .	4.7	24
10	Measurement of the muon neutrino charged-current single μ^+ production on hydrocarbon using the T2K off-axis near detector ND280. Physical Review D, 2020, 101, .	4.7	9
11	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. Nature, 2020, 580, 339-344.	27.8	313
12	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation γ rays. Physical Review D, 2019, 100, .	4.7	15