

Niccolò Gallice

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

702
citations

933447

10
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	Volume I. Introduction to DUNE. Journal of Instrumentation, 2020, 15, T08008-T08008.	1.2	168
2	Long-baseline neutrino oscillation physics potential of the DUNE experiment. European Physical Journal C, 2020, 80, 1.	3.9	93
3	Volume IV. The DUNE far detector single-phase technology. Journal of Instrumentation, 2020, 15, T08010-T08010.	1.2	86
4	Deep Underground Neutrino Experiment (DUNE) Near Detector Conceptual Design Report. Instruments, 2021, 5, 31.	1.8	70
5	First results on ProtoDUNE-SP liquid argon time projection chamber performance from a beam test at the CERN Neutrino Platform. Journal of Instrumentation, 2020, 15, P12004-P12004.	1.2	69
6	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 322.	3.9	69
7	Supernova neutrino burst detection with the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 1.	3.9	62
8	Volume III. DUNE far detector technical coordination. Journal of Instrumentation, 2020, 15, T08009-T08009.	1.2	25
9	Design, construction and operation of the ProtoDUNE-SP Liquid Argon TPC. Journal of Instrumentation, 2022, 17, P01005.	1.2	21
10	Neutrino interaction classification with a convolutional neural network in the DUNE far detector. Physical Review D, 2020, 102, .	4.7	19
11	Cryogenic SiPM arrays for the DUNE photon detection system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 985, 164648.	1.6	6
12	Searching for solar KDAR with DUNE. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 065.	5.4	5
13	Xenon doping of liquid argon in ProtoDUNE single phase. Journal of Instrumentation, 2022, 17, C01034.	1.2	4
14	Development of a design for SiPMs readout in cryogenic environment for large area photon detectors. , 2021, , .		2
15	The ASTAROTH Project: enhanced low-energy sensitivity to Dark Matter annual modulation. Journal of Physics: Conference Series, 2021, 2156, 012060.	0.4	2
16	Coded masks for imaging of neutrino events. European Physical Journal C, 2021, 81, 1.	3.9	1
17	Xenon doping of Liquid Argon in ProtoDUNE Single Phase: first results. Journal of Physics: Conference Series, 2021, 2156, 012197.	0.4	0
18	Development of a cryogenic DC-DC Boost Converter: devices characterization and first prototype measurements. , 2022, , .		0