Giulia Brunetti

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3274845/publications.pdf

Version: 2024-02-01

46 papers	2,073 citations	304743 22 h-index	302126 39 g-index
47 all docs	47 docs citations	47 times ranked	1441 citing authors

#	Article	IF	Citations
1	First Measurement of Electron Neutrino Appearance in NOvA. Physical Review Letters, 2016, 116, 151806.	7.8	210
2	The OPERA experiment in the CERN to Gran Sasso neutrino beam. Journal of Instrumentation, 2009, 4, P04018-P04018.	1.2	195
3	Observation of a first <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>l„</mml:mi></mml:msub></mml:math> candidate event in the OPERA experiment in the CNGS beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 691, 138-145.	4.1	173
4	Volume I. Introduction to DUNE. Journal of Instrumentation, 2020, 15, T08008-T08008.	1.2	168
5	Constraints on Oscillation Parameters from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>e</mml:mi></mml:msub></mml:math>Appearance 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:math>Disappearance in NOvA. Physical Review Letters, 2017, 118, 231801.	7.8	138
6	Measurement of the neutrino velocity with the OPERA detector in the CNGS beam. Journal of High Energy Physics, 2012, 2012, 1.	4.7	116
7	Long-baseline neutrino oscillation physics potential of the DUNE experiment. European Physical Journal C, 2020, 80, 1.	3.9	93
8	Measurement of the Neutrino Mixing Angle<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î¸</mml:mi><mml:mn>23</mml:mn></mml:msub></mml:math>in NOvA. Physical Review Letters, 2017, 118, 151802.	7.8	87
9	Volume IV. The DUNE far detector single-phase technology. Journal of Instrumentation, 2020, 15, T08010-T08010.	1.2	86
10	Evidence for<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>â†'</mml:mo><mml:msub><mml: in the CNGS neutrino beam with the OPERA experiment. Physical Review D, 2014, 89, .	4.7	78
11	First measurement of muon-neutrino disappearance in NOvA. Physical Review D, 2016, 93, .	4.7	71
12	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
13	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 322.	3.9	69
14	Momentum measurement by the multiple Coulomb scattering method in the OPERA lead-emulsion target. New Journal of Physics, 2012, 14, 013026.	2.9	64
15	Search for Î½ Î¼ â†' Î½ e oscillations with the OPERA experiment in the CNGS beam. Journal of High Energy Physics, 2013, 2013, 1.	4.7	58
16	New results on Î½ Î¼ â†' Î½ Ï„ appearance with the OPERA experiment in the CNGS beam. Journal of High Energy Physics, 2013, 2013, 1.	4.7	51
17	Study of neutrino interactions with the electronic detectors of the OPERA experiment. New Journal of Physics, 2011, 13, 053051.	2.9	44
18	Search for active-sterile neutrino mixing using neutral-current interactions in NOvA. Physical Review D, 2017, 96, .	4.7	42

#	Article	IF	Citations
19	The detection of neutrino interactions in the emulsion/lead target of the OPERA experiment. Journal of Instrumentation, 2009, 4, P06020-P06020.	1.2	41
20	Emulsion sheet doublets as interface trackers for the OPERA experiment. Journal of Instrumentation, 2008, 3, P07005-P07005.	1.2	30
21	Measurement of the atmospheric muon charge ratio withÂtheÂOPERA detector. European Physical Journal C, 2010, 67, 25-37.	3.9	26
22	A 4 tonne demonstrator for large-scale dual-phase liquid argon time projection chambers. Journal of Instrumentation, 2018, 13, P11003-P11003.	1.2	26
23	Measurement of the neutrino velocity with the OPERA detector in the CNGS beam using the 2012 dedicated data. Journal of High Energy Physics, 2013, 2013, 1.	4.7	21
24	Search forÎ½_{Î¼}â†'Î½_{Ï„}oscillation with the OPERA experiment in the CNGS beam. New Journal of Physics, 2012, 14, 033017.	2.9	18
25	Irradiation and performance of RGB-HD Silicon Photomultipliers for calorimetric applications. Journal of Instrumentation, 2019, 14, P02029-P02029.	1.2	17
26	Testbeam performance of a shashlik calorimeter with fine-grained longitudinal segmentation. Journal of Instrumentation, 2018, 13, P01028-P01028.	1.2	15
27	Study of the effects induced by lead on the emulsion films of the OPERA experiment. Journal of Instrumentation, 2008, 3, P07002-P07002.	1.2	11
28	Polysiloxane-based scintillators for shashlik calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 956, 163379.	1.6	11
29	The ENUBET positron tagger prototype: construction and testbeam performance. Journal of Instrumentation, 2020, 15, P08001-P08001.	1.2	10
30	A New Generation of Neutrino Cross Section Experiments: Challenges and Opportunities. Symmetry, 2021, 13, 1625.	2.2	7
31	Addendum: search for Î½ Î¼ â†' Î½ e oscillations with the OPERA experiment in the CNGS beam. Journal of High Energy Physics, 2013, 2013, 1.	4.7	6
32	Study of scintillation light collection, production and propagation in a 4 tonne dual-phase LArTPC. Journal of Instrumentation, 2021, 16, P03007.	1.2	6
33	Performance study of a 3Ã—1Ã—1 m3 dual phase liquid Argon Time Projection Chamber exposed to cosmic rays. Journal of Instrumentation, 2021, 16, P08063.	1.2	5
34	Proposal for an MRPC system with high-precision timing in the LVD structure. European Physical Journal Plus, 2012, 127, 1.	2.6	4
35	Shashlik calorimeters: Novel compact prototypes for the ENUBET experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 148-149.	1.6	2
36	Silicon Photomultipliers for the decay tunnel instrumentation of the ENUBET neutrino beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 983, 164482.	1.6	1

#	Article	IF	Citations
37	A high precision narrow-band neutrino beam: The ENUBET project. International Journal of Modern Physics A, 2020, 35, 2044017.	1.5	1
38	The ENUBET experiment. International Journal of Modern Physics A, 2022, 37, .	1.5	1
39	Longitudinally segmented shashlik calorimeters with SiPM embedded readout. , 2017, , .		0
40	Status of the ENUBET project. Journal of Physics: Conference Series, 2018, 1056, 012047.	0.4	0
41	Shashlik calorimeters for the ENUBET tagged neutrino beam. Journal of Physics: Conference Series, 2019, 1162, 012032.	0.4	0
42	The ENUBET ERC project for an instrumented decay tunnel for future neutrino beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162162.	1.6	0
43	Decay tunnel instrumentation for the ENUBET neutrino beam. Journal of Instrumentation, 2020, 15, C05059-C05059.	1.2	0
44	Positron identification in the ENUBET instrumented decay tunnel. , 2018, , .		0
45	High precision measurements of neutrino fluxes with ENUBET. , 2018, , .		0
46	ENUBET: a monitored neutrino beam for the precision era of neutrino physics. Journal of Physics: Conference Series, 2021, 2156, 012234.	0.4	0