

# Giulia Brunetti

## List of Publications by Year in descending order

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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	The ENUBET experiment. International Journal of Modern Physics A, 2022, 37, .	1.5	1
2	Study of scintillation light collection, production and propagation in a 4 tonne dual-phase LArTPC. Journal of Instrumentation, 2021, 16, P03007.	1.2	6
3	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 322.	3.9	69
4	Performance study of a 3 $\bar{\text{A}}$ –1 $\bar{\text{A}}$ –1 m <sup>3</sup> dual phase liquid Argon Time Projection Chamber exposed to cosmic rays. Journal of Instrumentation, 2021, 16, P08063.	1.2	5
5	A New Generation of Neutrino Cross Section Experiments: Challenges and Opportunities. Symmetry, 2021, 13, 1625.	2.2	7
6	ENUBET: a monitored neutrino beam for the precision era of neutrino physics. Journal of Physics: Conference Series, 2021, 2156, 012234.	0.4	0
7	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
8	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
9	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
10	Volume I. Introduction to DUNE. Journal of Instrumentation, 2020, 15, T08008-T08008.	1.2	168
11	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
12	Long-baseline neutrino oscillation physics potential of the DUNE experiment. European Physical Journal C, 2020, 80, 1.	3.9	93
13	Volume IV. The DUNE far detector single-phase technology. Journal of Instrumentation, 2020, 15, T08010-T08010.	1.2	86
14	The ENUBET positron tagger prototype: construction and testbeam performance. Journal of Instrumentation, 2020, 15, P08001-P08001.	1.2	10
15	Decay tunnel instrumentation for the ENUBET neutrino beam. Journal of Instrumentation, 2020, 15, C05059-C05059.	1.2	0
16	A high precision narrow-band neutrino beam: The ENUBET project. International Journal of Modern Physics A, 2020, 35, 2044017.	1.5	1
17	Shashlik calorimeters for the ENUBET tagged neutrino beam. Journal of Physics: Conference Series, 2019, 1162, 012032.	0.4	0
18	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

#	ARTICLE	IF	CITATIONS
19	Irradiation and performance of RGB-HD Silicon Photomultipliers for calorimetric applications. Journal of Instrumentation, 2019, 14, P02029-P02029.	1.2	17
20	Status of the ENUBET project. Journal of Physics: Conference Series, 2018, 1056, 012047.	0.4	0
21	A 4 tonne demonstrator for large-scale dual-phase liquid argon time projection chambers. Journal of Instrumentation, 2018, 13, P11003-P11003.	1.2	26
22	Testbeam performance of a shashlik calorimeter with fine-grained longitudinal segmentation. Journal of Instrumentation, 2018, 13, P01028-P01028.	1.2	15
23	Positron identification in the ENUBET instrumented decay tunnel. , 2018, , .		0
24	High precision measurements of neutrino fluxes with ENUBET. , 2018, , .		0
25	Search for active-sterile neutrino mixing using neutral-current interactions in NOvA. Physical Review D, 2017, 96, .	4.7	42
26	Measurement of the Neutrino Mixing Angle $\theta_{13}$ in NOvA. Physical Review Letters, 2017, 118, 151802. <a href="#">arXiv:1704.06924</a>	7.8	87
27	Measurement of the Neutrino Mixing Angle $\theta_{13}$ and Appearance/Disappearance in NOvA. Physical Review Letters, 2017, 118, 231801. <a href="#">arXiv:1704.06924</a>	7.8	138
28	Longitudinally segmented shashlik calorimeters with SiPM embedded readout. , 2017, , .		0
29	First measurement of muon-neutrino disappearance in NOvA. Physical Review D, 2016, 93, .	4.7	71
30	First Measurement of Electron Neutrino Appearance in NOvA. Physical Review Letters, 2016, 116, 151806.	7.8	210
31	Evidence for $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillation in the CNGS neutrino beam with the OPERA experiment. Physical Review D, 2014, 89, .	4.7	53
32	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
33	Addendum: search for $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillations with the OPERA experiment in the CNGS beam. Journal of High Energy Physics, 2013, 2013, 1.	4.7	6
34	Search for $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillations with the OPERA experiment in the CNGS beam. Journal of High Energy Physics, 2013, 2013, 1.	4.7	58
35	New results on $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillation, appearance with the OPERA experiment in the CNGS beam. Journal of High Energy Physics, 2013, 2013, 1.	4.7	51
36	Search for $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillation with the OPERA experiment in the CNGS beam. New Journal of Physics, 2012, 14, 033017.	2.9	18

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37	Measurement of the neutrino velocity with the OPERA detector in the CNGS beam. Journal of High Energy Physics, 2012, 2012, 1.	4.7	116
38	Momentum measurement by the multiple Coulomb scattering method in the OPERA lead-emulsion target. New Journal of Physics, 2012, 14, 013026.	2.9	64
39	Proposal for an MRPC system with high-precision timing in the LVD structure. European Physical Journal Plus, 2012, 127, 1.	2.6	4
40	Study of neutrino interactions with the electronic detectors of the OPERA experiment. New Journal of Physics, 2011, 13, 053051.	2.9	44
41	Measurement of the atmospheric muon charge ratio with the OPERA detector. European Physical Journal C, 2010, 67, 25-37.	3.9	26
42	Observation of a first $\nu_{\tau}$ 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
43	The OPERA experiment in the CERN to Gran Sasso neutrino beam. Journal of Instrumentation, 2009, 4, P04018-P04018.	1.2	195
44	The detection of neutrino interactions in the emulsion/lead target of the OPERA experiment. Journal of Instrumentation, 2009, 4, P06020-P06020.	1.2	41
45	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
46	Emulsion sheet doublets as interface trackers for the OPERA experiment. Journal of Instrumentation, 2008, 3, P07005-P07005.	1.2	30