

# Giulia Bazzano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/328792/publications.pdf>

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18  
papers

281  
citations

933447

10  
h-index

1058476

14  
g-index

18  
all docs

18  
docs citations

18  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	High rate production of antihydrogen. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 23-32.	4.1	72
2	Antihydrogen production temperature dependence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 59-67.	4.1	59
3	Proton beam spatial distribution and Bragg peak imaging by photoluminescence of color centers in lithium fluoride crystals at the TOP-IMPLART linear accelerator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 872, 41-51.	1.6	20
4	Dose response and Bragg curve reconstruction by radiophotoluminescence of color centers in lithium fluoride crystals irradiated with 35 MeV proton beams from 0.5 to 50 Gy. Radiation Measurements, 2020, 133, 106275.	1.4	19
5	0.1–10 MeV Neutron Soft Error Rate in Accelerator and Atmospheric Environments. IEEE Transactions on Nuclear Science, 2021, 68, 873-883.	2.0	18
6	First acceleration of a proton beam in a side coupled drift tube linac. Europhysics Letters, 2015, 111, 14002.	2.0	16
7	Beam commissioning of the 35 MeV section in an intensity modulated proton linear accelerator for proton therapy. Physical Review Accelerators and Beams, 2020, 23, .	1.6	16
8	A new small-footprint external-beam PIXE facility for cultural heritage applications using pulsed proton beams. Nuclear Instruments & Methods in Physics Research B, 2017, 406, 314-317.	1.4	13
9	X-ray sterilization of insects and microorganisms for cultural heritage applications. Nuclear Instruments & Methods in Physics Research B, 2017, 406, 309-313.	1.4	11
10	Radiation testing of a commercial 6-axis MEMS inertial navigation unit at ENEA Frascati proton linear accelerator. Advances in Space Research, 2021, 67, 1379-1391.	2.6	11
11	SEU characterization of commercial and custom-designed SRAMs based on 90 nm technology and below. , 2020, , .		9
12	THE TOP-IMPLART PROTON LINEAR ACCELERATOR: INTERIM CHARACTERISTICS OF THE 35 MEV BEAM. Radiation Protection Dosimetry, 2019, 186, 113-118.	0.8	5
13	Visible photoluminescence of color centers in LiF crystals for advanced diagnostics of 18 and 27 MeV proton beams. Radiation Measurements, 2019, 124, 59-62.	1.4	5
14	Beam characterization methods at the TOP-IMPLART proton linear accelerator: an application to space components qualification. , 2021, , .		2
15	Design and test of a compact beam current monitor based on a passive RF cavity for a proton therapy linear accelerator. Review of Scientific Instruments, 2021, 92, 113304.	1.3	2
16	Dosimetric characterization of an irradiation set-up for electronic components testing at the TOP-IMPLART proton linear accelerator. , 2019, , .		2
17	Recombination effects in the ionization chambers dose delivery monitor of the TOP-IMPLART proton beam. Journal of Physics: Conference Series, 2020, 1561, 012008.	0.4	1
18	Watch Dog detector for beam diagnostic in hadrontherapy application. Journal of Physics: Conference Series, 2013, 470, 012002.	0.4	0