

Giulia Bazzano

List of Publications by Year in descending order

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18
papers

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933447

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all docs

18
docs citations

18
times ranked

172
citing authors

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