Matteo

List of Publications by Year
in descending order

13 papers	170 citations	1307594 7 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	172 citing authors

#	Article	IF	Citations
1	A New RadMon Version for the LHC<newline/> and its Injection Lines. IEEE Transactions on Nuclear Science, 2014, 61, 3424-3431.	2.0	67
2	Floating Gate Dosimeter Suitability for Accelerator-like Environments. IEEE Transactions on Nuclear Science, 2017, , 1-1.	2.0	21
3	Physics potential of an experiment using LHC neutrinos. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 115008.	3.6	20
4	Thermal Neutron-Induced SEUs in the LHC Accelerator Environment. IEEE Transactions on Nuclear Science, 2020, 67, 1412-1420.	2.0	14
5	Further studies on the physics potential of an experiment using LHC neutrinos. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 125004.	3.6	12
6	Investigation on Passive and Autonomous Mode Operation of Floating Gate Dosimeters. IEEE Transactions on Nuclear Science, 2019, 66, 1620-1627.	2.0	10
7	Dose gradient assessment at the new CERN CHARM irradiation facility. Radiation Physics and Chemistry, 2019, 155, 225-232.	2.8	8
8	Testing and Validation Methodology for a Radiation Monitoring System for Electronics in Particle Accelerators. IEEE Transactions on Nuclear Science, 2022, 69, 1642-1650.	2.0	5
9	Benchmark Between Measured and Simulated Radiation Level Data at the Mixed-Field CHARM Facility at CERN. IEEE Transactions on Nuclear Science, 2022, 69, 1557-1564.	2.0	5
10	Design of a radiation tolerant system for total ionizing dose monitoring using floating gate and RadFET dosimeters. Journal of Instrumentation, 2017, 12, C04007-C04007.	1.2	4
11	An Enhanced Sensitivity Operation Mode for Floating Gate Dosimeters. IEEE Transactions on Nuclear Science, 2022, 69, 1876-1883.	2.0	2
12	Investigation on the Sensitivity Degradation of Dosimeters based on Floating Gate Structure. , 2017, , .		1
13	Thermal Neutron SRAM Detector Characterization at the CERN Mixed-Field Facility, CHARM. IEEE Transactions on Nuclear Science, 2018, 65, 1887-1893.	2.0	1