

# Rudy Ferraro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/711047/publications.pdf>

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1684188  
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116  
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#	ARTICLE	IF	CITATIONS
1	Distributed Optical Fiber Radiation Sensing in the Proton Synchrotron Booster at CERN. IEEE Transactions on Nuclear Science, 2018, 65, 1639-1644.	2.0	38
2	SEE Flux and Spectral Hardness Calibration of Neutron Spallation and Mixed-Field Facilities. IEEE Transactions on Nuclear Science, 2019, 66, 1532-1540.	2.0	12
3	Radiation Hardness Assurance Through System-Level Testing: Risk Acceptance, Facility Requirements, Test Methodology, and Data Exploitation. IEEE Transactions on Nuclear Science, 2021, 68, 958-969.	2.0	12
4	Study of the Impact of the LHC Radiation Environments on the Synergistic Displacement Damage and Ionizing Dose Effect on Electronic Components. IEEE Transactions on Nuclear Science, 2019, 66, 1548-1556.	2.0	9
5	COTS Optocoupler Radiation Qualification Process for LHC Applications Based on Mixed-Field Irradiations. IEEE Transactions on Nuclear Science, 2020, 67, 1395-1403.	2.0	5
6	Analysis of Bipolar Integrated Circuit Degradation Mechanisms Against Combined TID&quot;DD Effects. IEEE Transactions on Nuclear Science, 2021, 68, 1585-1593.	2.0	5
7	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
8	FPGA Qualification and Failure Rate Estimation Methodology for LHC Environments Using Benchmarks Test Circuits. IEEE Transactions on Nuclear Science, 2022, 69, 1633-1641.	2.0	3
9	Estimation of System Survival Reliability in a Radiation Environment Based on the Available Radiation Data at Component Level. , 2017, , .		2