Alessandro Paccagnella

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444 9,973 1.9 5.2

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L-index

#	Paper	IF	Citations
408	THE LARGE AREA TELESCOPE ON THEFERMI GAMMA-RAY SPACE TELESCOPEMISSION. Astrophysical Journal, 2009 , 697, 1071-1102	4.7	2463
407	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2010 , 188, 405-436	8	754
406	Radiation induced leakage current and stress induced leakage current in ultra-thin gate oxides. <i>IEEE Transactions on Nuclear Science</i> , 1998 , 45, 2375-2382	1.7	135
405	Ionizing radiation induced leakage current on ultra-thin gate oxides. <i>IEEE Transactions on Nuclear Science</i> , 1997 , 44, 1818-1825	1.7	124
404	FERMILARGE AREA TELESCOPE OBSERVATIONS OF THE VELA PULSAR. <i>Astrophysical Journal</i> , 2009 , 696, 1084-1093	4.7	111
403	Layout techniques to enhance the radiation tolerance of standard CMOS technologies demonstrated on a pixel detector readout chip. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment,</i> 2000 , 439, 349-36	1.2 50	108
402	The on-orbit calibration of the Fermi Large Area Telescope. <i>Astroparticle Physics</i> , 2009 , 32, 193-219	2.4	106
401	Radiation-Induced Short Channel (RISCE) and Narrow Channel (RINCE) Effects in 65 and 130 nm MOSFETs. <i>IEEE Transactions on Nuclear Science</i> , 2015 , 62, 2933-2940	1.7	104
400	Hydrated-layer formation during dissolution of complex silicate glasses and minerals. <i>Geochimica Et Cosmochimica Acta</i> , 1990 , 54, 1941-1955	5.5	99
399	Radiation Effects in Flash Memories. <i>IEEE Transactions on Nuclear Science</i> , 2013 , 60, 1953-1969	1.7	87
398	Present and Future Non-Volatile Memories for Space. IEEE Transactions on Nuclear Science, 2010,	1.7	84
397	Identification and classification of single-event upsets in the configuration memory of SRAM-based FPGAs. <i>IEEE Transactions on Nuclear Science</i> , 2003 , 50, 2088-2094	1.7	81
396	SVX', the new CDF silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment,</i> 1995 , 360, 137-140	1.2	74
395	A New Hardware/Software Platform and a New 1/E Neutron Source for Soft Error Studies: Testing FPGAs at the ISIS Facility. <i>IEEE Transactions on Nuclear Science</i> , 2007 , 54, 1184-1189	1.7	70
394	. IEEE Transactions on Electron Devices, 1992 , 39, 1849-1857	2.9	69
393	Radiation effects on floating-gate memory cells. <i>IEEE Transactions on Nuclear Science</i> , 2001 , 48, 2222-2	2 2 87	68
392	Aspect ratio calculation in n-channel MOSFETs with a gate-enclosed layout. <i>Solid-State Electronics</i> , 2000 , 44, 981-989	1.7	62

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391	Facility for fast neutron irradiation tests of electronics at the ISIS spallation neutron source. <i>Applied Physics Letters</i> , 2008 , 92, 114101	3.4	56	
390	Low field leakage current and soft breakdown in ultra-thin gate oxides after heavy ions, electron or X-ray irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2000 , 47, 566-573	1.7	54	
389	Transient conductive path induced by a Single ion in 10 nm SiO/sub 2/ Layers. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 3304-3311	1.7	53	
388	A model of radiation induced leakage current (RILC) in ultra-thin gate oxides. <i>IEEE Transactions on Nuclear Science</i> , 1999 , 46, 1553-1561	1.7	53	
387	Properties of SiO2/Si/GaAs structures formed by solid phase epitaxy of amorphous Si on GaAs. <i>Applied Physics Letters</i> , 1991 , 58, 2540-2542	3.4	52	
386	Influence of LDD Spacers and H+ Transport on the Total-Ionizing-Dose Response of 65-nm MOSFETs Irradiated to Ultrahigh Doses. <i>IEEE Transactions on Nuclear Science</i> , 2018 , 65, 164-174	1.7	51	
385	Silver nanoparticles inkjet-printed flexible biosensor for rapid label-free antibiotic detection in milk. <i>Sensors and Actuators B: Chemical</i> , 2019 , 280, 280-289	8.5	49	
384	A model for TID effects on floating Gate Memory cells. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 3753-3758	1.7	46	
383	. IEEE Transactions on Nuclear Science, 2000 , 47, 2648-2655	1.7	46	
382	Structural dependence of crystalline silicate hydration during aqueous dissolution. <i>Earth and Planetary Science Letters</i> , 1989 , 93, 292-298	5.3	44	
381	Radiation induced leakage current in floating gate memory cells. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 2144-2152	1.7	43	
380	Anomalous charge loss from floating-gate memory cells due to heavy ions irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2002 , 49, 3051-3058	1.7	43	
379	Key Contributions to the Cross Section of NAND Flash Memories Irradiated With Heavy Ions. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 3302-3308	1.7	42	
378	Evaluating the effects of SEUs affecting the configuration memory of an SRAM-based FPGA		41	
377	Hydrogen bonding in amorphous silicon with use of the low-pressure chemical-vapor-deposition technique. <i>Physical Review B</i> , 1991 , 43, 6627-6632	3.3	39	
376	Error Instability in Floating Gate Flash Memories Exposed to TID. <i>IEEE Transactions on Nuclear Science</i> , 2009 , 56, 3267-3273	1.7	38	
375	Accelerated wear-out of ultra-thin gate oxides after irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2003 , 50, 729-734	1.7	37	
374	Schottky diodes on hydrogen plasma treated n-GaAs surfaces. <i>Applied Physics Letters</i> , 1989 , 55, 259-261	3.4	37	

373	. IEEE Electron Device Letters, 1990 , 11, 487-489	4.4	37
372	Charge loss after /sup 60/Co irradiation of flash arrays. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 2912-2916	1.7	36
371	Deep submicron CMOS technologies for the LHC experiments. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 78, 625-634		36
370	Evidence of interface trap creation by hot-electrons in AlGaAs/GaAs high electron mobility transistors. <i>Applied Physics Letters</i> , 1996 , 69, 1411-1413	3.4	36
369	TID Sensitivity of NAND Flash Memory Building Blocks. <i>IEEE Transactions on Nuclear Science</i> , 2009 , 56, 1909-1913	1.7	35
368	Angular Dependence of Heavy Ion Effects in Floating Gate Memory Arrays. <i>IEEE Transactions on Nuclear Science</i> , 2007 , 54, 2371-2378	1.7	35
367	Data retention after heavy ion exposure of floating gate memories: analysis and simulation. <i>IEEE Transactions on Nuclear Science</i> , 2003 , 50, 2176-2183	1.7	35
366	Gate Bias Dependence of Defect-Mediated Hot-Carrier Degradation in GaN HEMTs. <i>IEEE Transactions on Electron Devices</i> , 2014 , 61, 1316-1320	2.9	34
365	Effect of different total ionizing dose sources on charge loss from programmed floating gate cells. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 2372-2377	1.7	34
364	. IEEE Transactions on Device and Materials Reliability, 2004 , 4, 359-370	1.6	34
363	Heavy-Ion Induced Threshold Voltage Tails in Floating Gate Arrays. <i>IEEE Transactions on Nuclear Science</i> , 2010 ,	1.7	33
362	Catastrophic Failure in Highly Scaled Commercial NAND Flash Memories. <i>IEEE Transactions on Nuclear Science</i> , 2010 , 57, 266-271	1.7	33
361	A model of the stress induced leakage current in gate oxides. <i>IEEE Transactions on Electron Devices</i> , 2001 , 48, 285-288	2.9	33
360	Radiation tolerance of single-sided silicon microstrips. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 339, 511-52	3 ^{1.2}	33
359	Annealing of Heavy-Ion Induced Floating Gate Errors: LET and Feature Size Dependence. <i>IEEE Transactions on Nuclear Science</i> , 2010 , 57, 1835-1841	1.7	32
358	Impact of Technology Scaling on the Heavy-Ion Upset Cross Section of Multi-Level Floating Gate Cells. <i>IEEE Transactions on Nuclear Science</i> , 2011 , 58, 969-974	1.7	32
357	Drain current decrease in MOSFETs after heavy ion irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 3150-3157	1.7	30

355	Ion beam testing of ALTERA APEX FPGAs		30
354	Effects of Heavy-Ion Irradiation on Vertical 3-D NAND Flash Memories. <i>IEEE Transactions on Nuclear Science</i> , 2018 , 65, 318-325	1.7	29
353	Simulation-based analysis of SEU effects in SRAM-based FPGAs. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 3354-3359	1.7	29
352	Study of breakdown effects in silicon multiguard structures. <i>IEEE Transactions on Nuclear Science</i> , 1999 , 46, 1215-1223	1.7	29
351	Total Ionizing Dose Effects in NOR and NAND Flash Memories. <i>IEEE Transactions on Nuclear Science</i> , 2007 , 54, 1066-1070	1.7	28
350	. IEEE Transactions on Electron Devices, 2002 , 49, 1367-1374	2.9	28
349	Enhancement of Transistor-to-Transistor Variability Due to Total Dose Effects in 65-nm MOSFETs. <i>IEEE Transactions on Nuclear Science</i> , 2015 , 62, 2398-2403	1.7	26
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347	Subpicosecond conduction through thin SiO2 layers triggered by heavy ions. <i>Journal of Applied Physics</i> , 2006 , 99, 074101	2.5	26
346	Ionizing radiation effects on floating gates. <i>Applied Physics Letters</i> , 2004 , 85, 485-487	3.4	26
345	Impact of Aging Phenomena on Soft Error Susceptibility 2011,		23
344	Space and time-resolved gene expression experiments on cultured mammalian cells by a single-cell electroporation microarray. <i>New Biotechnology</i> , 2008 , 25, 55-67	6.4	23
343	Single and Multiple Cell Upsets in 25-nm NAND Flash Memories. <i>IEEE Transactions on Nuclear Science</i> , 2013 , 60, 2675-2681	1.7	22
342	. IEEE Electron Device Letters, 1992 , 13, 253-255	4.4	22
341	Angular Dependence of Heavy-Ion Induced Errors in Floating Gate Memories. <i>IEEE Transactions on Nuclear Science</i> , 2011 , 58, 2621-2627	1.7	21
340	Channel Hot Carrier Stress on Irradiated 130-nm NMOSFETs. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 1960-1967	1.7	21
339	Total dose dependence of radiation-induced leakage current in ultra-thin gate oxides. <i>Microelectronics Reliability</i> , 1999 , 39, 221-226	1.2	21
338	. IEEE Transactions on Electron Devices, 1991 , 38, 2571-2573	2.9	21

337	Metal G aAs interaction and contact degradation in microwave MESFETs. <i>Quality and Reliability Engineering International</i> , 1990 , 6, 29-46	2.6	21
336	Pd/Ge ohmic contacts for GaAs metal-semiconductor field effect transistors: Technology and performance. <i>Thin Solid Films</i> , 1990 , 187, 9-18	2.2	21
335	Impact of Bias Temperature Instability on Soft Error Susceptibility. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2015 , 23, 743-751	2.6	20
334	Sample-to-Sample Variability and Bit Errors Induced by Total Dose in Advanced NAND Flash Memories. <i>IEEE Transactions on Nuclear Science</i> , 2014 , 61, 2889-2895	1.7	20
333	Potential High Resolution Dosimeters For MRT 2010 ,		20
332	Degradation of Sub 40-nm NAND Flash Memories Under Total Dose Irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2012 , 59, 2952-2958	1.7	20
331	Radiation effects on breakdown characteristics of multiguarded devices. <i>IEEE Transactions on Nuclear Science</i> , 1997 , 44, 721-727	1.7	20
330	Impact of Heavy-Ion Strikes on Minimum-Size MOSFETs With Ultra-Thin Gate Oxide. <i>IEEE Transactions on Nuclear Science</i> , 2006 , 53, 3675-3680	1.7	20
329	Potentials and pitfalls of FPGA application in inverter drives - a case study		20
328	New results on silicon microstrip detectors of CMS tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 447, 142-150	1.2	20
327	. IEEE Transactions on Electron Devices, 1991, 38, 2682-2684	2.9	20
326	Silicon diffusion in aluminium. <i>Thin Solid Films</i> , 1985 , 128, 217-223	2.2	20
325	Total-Ionizing-Dose Effects and Low-Frequency Noise in 16-nm InGaAs FinFETs With HfO2/Al2O3 Dielectrics. <i>IEEE Transactions on Nuclear Science</i> , 2020 , 67, 210-220	1.7	20
324	Total Ionizing Dose Effects in 3-D NAND Flash Memories. <i>IEEE Transactions on Nuclear Science</i> , 2019 , 66, 48-53	1.7	20
323	Effects of high energy x ray and proton irradiation on lead zirconate titanate thin films' dielectric and piezoelectric response. <i>Applied Physics Letters</i> , 2013 , 102, 192906	3.4	19
322	Stress induced leakage current in ultra-thin gate oxides after constant current stress. <i>Microelectronic Engineering</i> , 1997 , 36, 145-148	2.5	19
321	Impact of 24-GeV Proton Irradiation on 0.13-\$mu\$m CMOS Devices. <i>IEEE Transactions on Nuclear Science</i> , 2006 , 53, 1917-1922	1.7	19
320	Single Event Effects in NAND Flash Memory Arrays. <i>IEEE Transactions on Nuclear Science</i> , 2006 , 53, 1813	3- 1.9 18	19

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318	Gate current in ultrathin MOS capacitors: a new model of tunnel current. <i>IEEE Transactions on Electron Devices</i> , 2001 , 48, 271-278	2.9	19
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316	Impact ionization, recombination, and visible light emission in AlGaAs/GaAs high electron mobility transistorsa). <i>Journal of Applied Physics</i> , 1991 , 70, 529-531	2.5	19
315	Dose-Rate Sensitivity of 65-nm MOSFETs Exposed to Ultrahigh Doses. <i>IEEE Transactions on Nuclear Science</i> , 2018 , 65, 1482-1487	1.7	19
314	Using AFM Related Techniques for the Nanoscale Electrical Characterization of Irradiated Ultrathin Gate Oxides. <i>IEEE Transactions on Nuclear Science</i> , 2007 , 54, 1891-1897	1.7	18
313	High-resistance buried layers by MeV Fe implantation in n-type InP. <i>Applied Physics Letters</i> , 1999 , 75, 668-670	3.4	18
312	Dissolution mechanisms of silicate minerals yielded by intercomparison with glasses and radiation damage studies. <i>Chemical Geology</i> , 1989 , 78, 219-227	4.2	18
311	Influence of Halo Implantations on the Total Ionizing Dose Response of 28-nm pMOSFETs Irradiated to Ultrahigh Doses. <i>IEEE Transactions on Nuclear Science</i> , 2019 , 66, 82-90	1.7	18
310	Charge Buildup and Spatial Distribution of Interface Traps in 65-nm pMOSFETs Irradiated to Ultrahigh Doses. <i>IEEE Transactions on Nuclear Science</i> , 2019 , 66, 1574-1583	1.7	17
309	Possible effects on avionics induced by terrestrial gamma-ray flashes. <i>Natural Hazards and Earth System Sciences</i> , 2013 , 13, 1127-1133	3.9	17
308	MRS detectors with high gain for registration of weak visible and UV light fluxes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 387, 225-230	1.2	17
307	Soft breakdown current noise in ultra-thin gate oxides. Solid-State Electronics, 2002, 46, 1019-1025	1.7	17
306	Sorption of Actinide Analogues on Granite Minerals Studied by MeV Ion Beam Techniques. <i>Radiochimica Acta</i> , 1988 , 44-45, 299-304	1.9	17
305	Temperature dependence of neutron-induced soft errors in SRAMs. <i>Microelectronics Reliability</i> , 2012 , 52, 289-293	1.2	16
304	Drain Current Collapse in 65 nm pMOS Transistors After Exposure to Grad Dose. <i>IEEE Transactions on Nuclear Science</i> , 2015 , 62, 2899-2905	1.7	16
303	Effects of Total Ionizing Dose on the Retention of 41-nm NAND Flash Cells. <i>IEEE Transactions on Nuclear Science</i> , 2011 , 58, 2824-2829	1.7	16
302	Microdose and Breakdown Effects Induced by Heavy Ions on Sub 32-nm Triple-Gate SOI FETs. <i>IEEE</i>	1.7	16

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300	Statistical model for radiation-induced wear-out of ultra-thin gate oxides after exposure to heavy ion irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2003 , 50, 2167-2175	1.7	16
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298	Ionizing-Radiation Response and Low-Frequency Noise of 28-nm MOSFETs at Ultrahigh Doses. <i>IEEE Transactions on Nuclear Science</i> , 2020 , 67, 1302-1311	1.7	15
297	. IEEE Transactions on Device and Materials Reliability, 2012 , 12, 437-444	1.6	15
296	Channel-Hot-Carrier Degradation and Bias Temperature Instabilities in CMOS Inverters. <i>IEEE Transactions on Electron Devices</i> , 2009 , 56, 2155-2159	2.9	15
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294	Post-radiation-induced soft breakdown conduction properties as a function of temperature. <i>Applied Physics Letters</i> , 2001 , 79, 1336-1338	3.4	15
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292	Degradation mechanism of Ti/Au and Ti/Pd/Au gate metallizations in GaAs MESFET's. <i>IEEE Transactions on Electron Devices</i> , 1987 , 34, 957-960	2.9	15
291	CHIPIX65: Developments on a new generation pixel readout ASIC in CMOS 65 nm for HEP experiments 2015 ,		14
290	Impact of NBTI Aging on the Single-Event Upset of SRAM Cells. <i>IEEE Transactions on Nuclear Science</i> , 2010 ,	1.7	14
289	Methodologies to Study Frequency-Dependent Single Event Effects Sensitivity in Flash-Based FPGAs. <i>IEEE Transactions on Nuclear Science</i> , 2009 , 56, 3534-3541	1.7	14
288	Systematic characterization of soft- and hard-breakdown spots using techniques with nanometer resolution. <i>Microelectronic Engineering</i> , 2007 , 84, 1956-1959	2.5	14
287	Electrical stresses on ultra-thin gate oxide SOI MOSFETs after irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 2252-2258	1.7	14
286	Secondary Effects of Single Ions on Floating Gate Memory Cells. <i>IEEE Transactions on Nuclear Science</i> , 2006 , 53, 3291-3297	1.7	14
285	Thin oxide degradation after high-energy ion irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2001 , 48, 1735-1743	1.7	14
284	GaAs MESFETs with nonalloyed ohmic contacts: technology and performance. <i>Electronics Letters</i> , 1988 , 24, 708-709	1.1	14

(2006-1984)

283	Mechanical properties of ion implanted glasses. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984 , 1, 253-257	1.2	14	
282	Developments on DC/DC converters for the LHC experiment upgrades. <i>Journal of Instrumentation</i> , 2014 , 9, C02017-C02017	1	13	
281	Space Environment Effects on Flexible, Low-Voltage Organic Thin-Film Transistors. <i>ACS Applied Materials & ACS Applied & A</i>	9.5	13	
2 80	Total Ionizing Dose effects on a 28 nm Hi-K metal-gate CMOS technology up to 1 Grad. <i>Journal of Instrumentation</i> , 2017 , 12, C02003-C02003	1	13	
279	Single Event Effects in 90-nm Phase Change Memories. <i>IEEE Transactions on Nuclear Science</i> , 2011 , 58, 2755-2760	1.7	13	
278	Effect of Ion Energy on Charge Loss From Floating Gate Memories. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 2042-2047	1.7	13	
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276	. IEEE Transactions on Electron Devices, 1990 , 37, 1163-1165	2.9	13	
275	Correlation between impact ionisation, recombination and visible light emission in GaAs MESFETs. <i>Electronics Letters</i> , 1991 , 27, 770	1.1	13	
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268	On the Evaluation of Radiation-Induced Transient Faults in Flash-Based FPGAs 2008,		12	
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266	Variability in FG Memories Performance After Irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2006 , 53, 3349-3355	1.7	12	

265	Comparison of the electrical and thermal stability of stress- or radiation-induced leakage current in thin oxides. <i>Applied Physics Letters</i> , 2000 , 76, 1158-1160	3.4	12
264	Electron irradiation effects on thin MOS capacitors. <i>Journal of Non-Crystalline Solids</i> , 1999 , 245, 238-244	13.9	12
263	Frequency dispersion of transconductance: a tool to characterise deep levels in III-V FETs. <i>Electronics Letters</i> , 1992 , 28, 2107	1.1	12
262	Ion beam mixing effects in the Ar+-irradiated Fe/SiO2 system. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1987 , 27, 402-409	1.2	12
261	A Heavy-Ion Detector Based on 3-D NAND Flash Memories. <i>IEEE Transactions on Nuclear Science</i> , 2020 , 67, 154-160	1.7	12
260	Recent progress of RD53 Collaboration towards next generation Pixel Read-Out Chip for HL-LHC. Journal of Instrumentation, 2016 , 11, C12058-C12058	1	12
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258	Analysis of TID Failure Modes in SRAM-Based FPGA Under Gamma-Ray and Focused Synchrotron X-Ray Irradiation. <i>IEEE Transactions on Nuclear Science</i> , 2014 , 61, 1777-1784	1.7	11
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256 255	Radiation Sensitivity of Ohmic RF-MEMS Switches for Spatial Applications 2009, Gate Rupture in Ultra-Thin Gate Oxides Irradiated With Heavy Ions. <i>IEEE Transactions on Nuclear Science</i> , 2009, 56, 1964-1970	1.7	11
	Gate Rupture in Ultra-Thin Gate Oxides Irradiated With Heavy Ions. IEEE Transactions on Nuclear	1.7	
255	Gate Rupture in Ultra-Thin Gate Oxides Irradiated With Heavy Ions. <i>IEEE Transactions on Nuclear Science</i> , 2009 , 56, 1964-1970 Total Ionizing Dose Effects on 4 Mbit Phase Change Memory Arrays. <i>IEEE Transactions on Nuclear</i>	ŕ	11
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255 254 253	Gate Rupture in Ultra-Thin Gate Oxides Irradiated With Heavy Ions. <i>IEEE Transactions on Nuclear Science</i> , 2009 , 56, 1964-1970 Total Ionizing Dose Effects on 4 Mbit Phase Change Memory Arrays. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 2090-2097 Radiation-Induced Modifications of the Electrical Characteristics of Nanocrystal Memory Cells and Arrays. <i>IEEE Transactions on Nuclear Science</i> , 2006 , 53, 3693-3700	1.7 1.7	11 11 11
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255 254 253 252 251	Gate Rupture in Ultra-Thin Gate Oxides Irradiated With Heavy Ions. <i>IEEE Transactions on Nuclear Science</i> , 2009 , 56, 1964-1970 Total Ionizing Dose Effects on 4 Mbit Phase Change Memory Arrays. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 2090-2097 Radiation-Induced Modifications of the Electrical Characteristics of Nanocrystal Memory Cells and Arrays. <i>IEEE Transactions on Nuclear Science</i> , 2006 , 53, 3693-3700 SEU sensitivity of virtex configuration logic. <i>IEEE Transactions on Nuclear Science</i> , 2005 , 52, 2462-2467 The SVX II silicon vertex detector upgrade at CDF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 118-12-	1.7 1.7 1.7	11 11 11 11 11

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