

Miguel UllÃ¡n

List of Publications by Year in descending order

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docs citations

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times ranked

3644
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomistic simulations of acceptor removal in p-type Si irradiated with neutrons. Nuclear Instruments & Methods in Physics Research B, 2022, 512, 42-48.	0.6	3
2	ATLAS17LS – A large-format prototype silicon strip sensor for long-strip barrel section of ATLAS ITk strip detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 989, 164928.	0.7	8
3	Measuring the border of the active area on silicon strip sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 985, 164665.	0.7	0
4	Beam-loss damage experiment on ATLAS-like silicon strip modules using an intense proton beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162838.	0.7	1
5	Electrical characterization of surface properties of the ATLAS17LS sensors after neutron, proton and gamma irradiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 983, 164456.	0.7	6
6	The ABC130 barrel module prototyping programme for the ATLAS strip tracker. Journal of Instrumentation, 2020, 15, P09004-P09004.	0.5	17
7	Humidity sensitivity of large area silicon sensors: Study and implications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 978, 164406.	0.7	3
8	Mapping the in-plane electric field inside irradiated diodes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 980, 164509.	0.7	1
9	Design and evaluation of large area strip sensor prototypes for the ATLAS Inner Tracker detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 981, 164536.	0.7	2
10	Quality Assurance methodology for the ATLAS Inner Tracker strip sensor production. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 981, 164521.	0.7	4
11	Microelectronic test structures for the development of a strip sensor technology for high energy physics experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 969, 163971.	0.7	2
12	Design and performance of silicon strip sensors with slim edges for HPS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 969, 163991.	0.7	0
13	Design of the first full size ATLAS ITk strip sensor for the endcap region. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 137-141.	0.7	12
14	Damages induced on ATLAS IBL modules by fast extracted and intense proton beam irradiation. Journal of Instrumentation, 2019, 14, C05024-C05024.	0.5	0
15	Mapping the depleted area of silicon diodes using a micro-focused X-ray beam. Journal of Instrumentation, 2019, 14, P03024-P03024.	0.5	3
16	Testbeam studies on pick-up in sensors with embedded pitch adapters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 120-124.	0.7	1
17	First fabrication of a silicon vertical JFET for power distribution in high energy physics applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 877, 269-277.	0.7	5
18	Prototyping of petalets for the Phase-II upgrade of the silicon strip tracking detector of the ATLAS experiment. Journal of Instrumentation, 2018, 13, T03004-T03004.	0.5	1

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19	Degradation in Si Devices in Harsh Radiation Environments: Modeling of Damage-Dopant Interactions. , 2018, , .		2
20	Pixel CdTe semiconductor module to implement a sub-MeV imaging detector for astrophysics. Journal of Instrumentation, 2017, 12, C03048-C03048.	0.5	4
21	Thermal and hydrodynamic studies for micro-channel cooling for large area silicon sensors in high energy physics experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 863, 26-34.	0.7	3
22	Gamma irradiation damage on the vertical JFET transistors fabricated at the IMB-CNM. Journal of Instrumentation, 2017, 12, C03050-C03050.	0.5	1
23	Technological solutions for large area microstrip radiation silicon sensors for the LHC Upgrade. , 2017, , .		1
24	Prototyping of hybrids and modules for the forward silicon strip tracking detector for the ATLAS Phase-II upgrade. Journal of Instrumentation, 2017, 12, P05015-P05015.	0.5	4
25	A New Vertical JFET Power Device for Harsh Radiation Environments. Energies, 2017, 10, 256.	1.6	9
26	Characterisation of strip silicon detectors for the ATLAS Phase-II Upgrade with a micro-focused X-ray beam. Journal of Instrumentation, 2016, 11, P07023-P07023.	0.5	3
27	Detailed studies of full-size ATLAS12 sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 167-173.	0.7	11
28	Sensors for the End-cap prototype of the Inner Tracker in the ATLAS Detector Upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 833, 226-232.	0.7	6
29	ALIBAVA Silicon Microstrip Readout System for Educational Purposes. Nuclear and Particle Physics Proceedings, 2016, 273-275, 2563-2565.	0.2	0
30	Development of a pixelated CdTe detector module for a hard-x and gamma-ray imaging spectrometer application. , 2016, , .		0
31	Rad-hard vertical JFET switch for the HV-MUX system of the ATLAS upgrade Inner Tracker. Journal of Instrumentation, 2016, 11, C01043-C01043.	0.5	7
32	A new vertical JFET technology for the powering scheme of the ATLAS upgrade inner tracker. , 2016, , .		0
33	Embedded pitch adapters: A high-yield interconnection solution for strip sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 221-228.	0.7	6
34	Study of surface properties of ATLAS12 strip sensors and their radiation resistance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 197-206.	0.7	12
35	Charge collection and field profile studies of heavily irradiated strip sensors for the ATLAS inner tracker upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 181-188.	0.7	17
36	Evaluation of the performance of irradiated silicon strip sensors for the forward detector of the ATLAS Inner Tracker Upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 831, 207-212.	0.7	10

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37	Hard-X and gamma-ray imaging detector for astrophysics based on pixelated CdTe semiconductors. Journal of Instrumentation, 2016, 11, C01011-C01011.	0.5	2
38	Optimization of low-resistance strip sensors process and studies of radiation resistance. , 2015, , .		0
39	Mechanism of anomalous recovery in advanced SiGe bipolar transistors after low dose rate irradiation for very high total doses. Microelectronics Reliability, 2014, 54, 2360-2363.	0.9	3
40	Technology developments and first measurements of Low Gain Avalanche Detectors (LGAD) for high energy physics applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 765, 12-16.	0.7	232
41	Low-resistance strip sensors for beam-loss event protection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 765, 252-257.	0.7	2
42	A double-sided, shield-less stave prototype for the ATLAS Upgrade strip tracker for the High Luminosity LHC. Journal of Instrumentation, 2014, 9, P03012-P03012.	0.5	10
43	A double-sided silicon micro-strip Super-Module for the ATLAS Inner Detector upgrade in the High-Luminosity LHC. Journal of Instrumentation, 2014, 9, P02003-P02003.	0.5	4
44	Functional and performance evaluation of low-resistance strip sensors for beam-loss event protection. , 2014, , .		1
45	A forward silicon strip system for the ATLAS HL-LHC upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 730, 210-214.	0.7	9
46	Enhanced Low Dose Rate Sensitivity (ELDRS) tests on advanced SiGe bipolar transistors for very high total dose applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 724, 41-46.	0.7	15
47	Embedded pitch adapters for the ATLAS Tracker Upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 178-181.	0.7	6
48	A portable telescope based on the ALIBAVA system for test beam studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 130-133.	0.7	1
49	3D double sided detector fabrication at IMB-CNM. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 699, 27-30.	0.7	37
50	Radiation hardness evaluation of a 130 nm SiGe BiCMOS technology for high energy physics applications. Journal of Instrumentation, 2013, 8, P10009-P10009.	0.5	1
51	Design and fabrication of sensor prototypes for the end-cap tracker of the ATLAS upgrade. , 2012, , .		2
52	Automatic inspection of SET sensitivity in analog cells. , 2012, , .		1
53	Study of surface effects in the operation of 3D microstrip detectors with ultra-thin silicon substrates. , 2012, , .		0
54	Development and performance of a gamma-ray imaging detector. Proceedings of SPIE, 2012, , .	0.8	3

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55	Simulation methodology for dose effects in lateral DMOS transistors. Microelectronics Journal, 2012, 43, 50-56.	1.1	7
56	Simulation of Total Ionising Dose on LDMOS devices for High Energy Physics applications. , 2011, , .		4
57	Radiation hardness evaluation of a 0.25 μm SiGe BiCMOS technology with LDMOS module. , 2011, , .		12
58	Combined effect of bias and annealing in gamma and neutron radiation assurance tests of SiGe bipolar transistors for HEP applications. Solid-State Electronics, 2011, 56, 179-184.	0.8	13
59	Research and development of a gamma-ray imaging spectrometer in the MeV range in Barcelona. , 2010, , .		4
60	Radiation hardness evaluation of a 130 nm SiGe BiCMOS technology for the ATLAS electronics upgrade. , 2010, , .		3
61	Radiation Studies of Power LDMOS Devices for High Energy Physics Applications. IEEE Transactions on Nuclear Science, 2010, , .	1.2	13
62	Ultra thin 3D silicon detector for plasma diagnostics at the ITER tokamak. , 2009, , .		1
63	Fabrication and simulation of novel ultra-thin 3D silicon detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 115-118.	0.7	15
64	Radiation damage in p-type silicon irradiated with neutrons and protons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 599, 60-65.	0.7	40
65	Evaluation of silicon-germanium (SiGe) bipolar technologies for use in an upgraded atlas detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 668-674.	0.7	17
66	A novel ultra-thin 3D detector for plasma diagnostics at JET and ITER tokamaks. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 57-60.	0.7	10
67	IHP SiGe:C BiCMOS Technologies as a Suitable Backup Solution for the ATLAS Upgrade Front-End Electronics. IEEE Transactions on Nuclear Science, 2009, 56, 2449-2456.	1.2	17
68	Proton Radiation Damage on SiGe:C HBTs and Additivity of Ionization and Displacement Effects. IEEE Transactions on Nuclear Science, 2009, 56, 1931-1936.	1.2	38
69	Annealing studies of silicon microstrip detectors irradiated at high neutron fluences. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 591, 181-183.	0.7	4
70	First double-sided 3-D detectors fabricated at CNM-IMB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 592, 38-43.	0.7	110
71	Performance of the SiGe HBT 8HP and 8WL Technologies after High Dose/Fluence Radiation Exposure. , 2008, , .		8
72	IHP SiGe:C BiCMOS technologies as a suitable backup solution for the ATLAS upgrade Front-End electronics. , 2008, , .		2

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73	Simulation of irradiated edgeless detectors. , 2008, , .		2
74	Engineering for the ATLAS SemiConductor Tracker (SCT) End-cap. Journal of Instrumentation, 2008, 3, P05002-P05002.	0.5	5
75	The optical links of the ATLAS SemiConductor Tracker. Journal of Instrumentation, 2007, 2, P09003-P09003.	0.5	28
76	Large area strip edgeless detectors fabricated by plasma etching process. , 2007, , .		0
77	Gamma Radiation Effects on Different Varieties of SiGe:C HBT Technologies. IEEE Transactions on Nuclear Science, 2007, 54, 989-993.	1.2	16
78	SiGe Bipolar Transistors for Harsh Radiation Environments. , 2007, , .		2
79	Excess Base Current Model for Gamma-Irradiated SiGe Bipolar Transistors. , 2007, , .		1
80	Pitch adaptors of the ATLAS-SCT Endcap detector modules. Journal of Instrumentation, 2007, 2, T10001-T10001.	0.5	1
81	Direct charge sharing observation in single-photon-counting pixel detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 573, 137-140.	0.7	19
82	Characterization of edgeless detectors fabricated by dry etching process. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 576, 95-97.	0.7	2
83	Special bump bonding technique for silicon pixel detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 576, 150-153.	0.7	9
84	The silicon microstrip sensors of the ATLAS semiconductor tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 578, 98-118.	0.7	63
85	Radiation hardness evaluation of SiGe HBT technologies for the Front-End electronics of the ATLAS Upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 828-832.	0.7	20
86	Characterization of irradiated detectors fabricated on p-type silicon substrates for super-LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 583, 33-36.	0.7	5
87	Ultra radiation hard silicon detectors for future experiments: 3D and p-type technologies. Nuclear Physics, Section B, Proceedings Supplements, 2007, 172, 17-19.	0.5	1
88	P-spray implant optimization for the fabrication of n-in-p microstrip detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 573, 8-11.	0.7	7
89	Technology of p-type microstrip detectors with radiation hard p-spray, p-stop and moderated p-spray insulations. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 599-603.	0.7	13
90	Characterisation of p-type detectors for the future Super-LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 604-607.	0.7	0

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91	Ultimate limits for the radiation hardness of silicon strip detectors for sLHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 365-367.	0.7	2
92	Bias Conditions in Gamma Radiation Assurance Tests of Bipolar Technologies for HEP Applications. , 2006, , .		5
93	Trapping of Electrons and Holes in p-type Silicon Irradiated with Neutrons. , 2006, , .		10
94	Simulation of CdTe:Ge crystal properties for nuclear radiation detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 568, 451-454.	0.7	7
95	Technology development of p-type microstrip detectors with radiation hard p-spray isolation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 566, 360-365.	0.7	27
96	Edgeless detectors fabricated by dry etching process. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 563, 70-73.	0.7	8
97	Charge-sharing observations with a CdTe pixel detector irradiated with a ⁵⁷ Co source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 563, 177-181.	0.7	21
98	Test structure assembly for bump bond yield measurement on high density flip chip technologies. Microelectronics Reliability, 2006, 46, 1095-1100.	0.9	0
99	A read-out system for the Medipix2 chip capable of 500 frames per second. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 563, 96-99.	0.7	13
100	The barrel modules of the ATLAS semiconductor tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 568, 642-671.	0.7	79
101	Dear-Mama: A photon counting X-ray imaging project for medical applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 569, 136-139.	0.7	13
102	Double Sided 3D Detector Technologies at CNM-IMB. , 2006, , .		11
103	Performance limits of a 55-/spl mu/m pixel CdTe detector. IEEE Transactions on Nuclear Science, 2006, 53, 361-366.	1.2	24
104	Development of radiation tolerant semiconductor detectors for the Super-LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 546, 99-107.	0.7	29
105	Beam tests of ATLAS SCT silicon strip detector modules. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 538, 384-407.	0.7	42
106	Characterization of magnetic Czochralski silicon radiation detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 548, 355-363.	0.7	10
107	Annealing Studies of magnetic Czochralski silicon radiation detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 552, 27-33.	0.7	13
108	Design and performance of the ABCD3TA ASIC for readout of silicon strip detectors in the ATLAS semiconductor tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 552, 292-328.	0.7	104

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109	Recent advancements in the development of radiation hard semiconductor detectors for S-LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 552, 7-19.	0.7	33
110	Comparison of radiation hardness of P-in-N, N-in-N, and N-in-P silicon pad detectors. IEEE Transactions on Nuclear Science, 2005, 52, 1468-1473.	1.2	28
111	Lithium ion irradiation of standard and oxygenated silicon diodes. IEEE Transactions on Nuclear Science, 2004, 51, 2865-2871.	1.2	11
112	Lithium ion-induced damage in silicon detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 518, 338-339.	0.7	3
113	High-energy proton irradiation effects on tunnelling MOS capacitors. Microelectronic Engineering, 2004, 72, 85-89.	1.1	10
114	Bulk damage in DMILL npn bipolar transistors caused by thermal neutrons versus protons and fast neutrons. IEEE Transactions on Nuclear Science, 2004, 51, 1752-1758.	1.2	46
115	High-pitch metal-on-glass technology for pad pitch adaptation between detectors and readout electronics. IEEE Transactions on Nuclear Science, 2004, 51, 968-974.	1.2	13
116	Effect of Combined Oxygenation and Gettering on Minority Carrier Lifetime in High-Resistivity FZ Silicon. Journal of the Electrochemical Society, 2004, 151, G652.	1.3	3
117	Radiation hardness of silicon detectors for high-energy physics applications. IEEE Transactions on Nuclear Science, 2003, 50, 1121-1128.	1.2	22
118	High pitch metal-on-glass technology for pad pitch adaptation between detectors and readout electronics. , 2003, , .		0
119	Extensive electrical and thermal characterization of an MCM-D technology. IEEE Transactions on Components and Packaging Technologies, 2002, 25, 112-119.	1.4	1
120	Ionization damage on ATLAS-SCT front-end electronics considering low-dose-rate effects. IEEE Transactions on Nuclear Science, 2002, 49, 1106-1111.	1.2	20
121	Novel results on fluence dependence and annealing behavior of oxygenated and non-oxygenated silicon detectors. IEEE Transactions on Nuclear Science, 2002, 49, 1377-1382.	1.2	7
122	Optimization of a 0.6 ¹ / ₄ μm, single polysilicon emitter bipolar technology versus narrow emitter effects. Microelectronics Journal, 2002, 33, 659-665.	1.1	0
123	Electrical characteristics of high-energy proton irradiated ultra-thin gate oxides. Microelectronics Reliability, 2002, 42, 1501-1504.	0.9	4
124	Bump bonding of pixel systems. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 473, 95-101.	0.7	16
125	Silicon wafer oxygenation from SiO ₂ layers for radiation hard detectors. Microelectronics Reliability, 2000, 40, 791-794.	0.9	15
126	Accurate contact resistivity extraction on Kelvin structures with upper and lower resistive layers. IEEE Transactions on Electron Devices, 2000, 47, 1431-1439.	1.6	18

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127	Test structures for MCM-D technology characterization. IEEE Transactions on Semiconductor Manufacturing, 1999, 12, 184-192.	1.4	8
128	A digital test structure for simultaneous bird's beak length and misalignment measurement in polysilicon emitter bipolar technologies. , 0, , .		0
129	Test structures for MCM-D technology characterization. , 0, , .		1
130	Novel results on fluence dependence and annealing behaviour of oxygenated and non-oxygenated silicon detectors. , 0, , .		0
131	Ionization damage on ATLAS-SCT front-end electronics considering low dose rate effects. , 0, , .		5
132	Total dose effects on ATLAS-SCT front-end electronics. , 0, , .		0
133	Radiation hardness of silicon diodes for high energy physics applications. , 0, , .		0
134	Test chip for bump bond yield evaluation in high density flip chip technologies. , 0, , .		1
135	Simulation of CdTe:Ge crystal properties for nuclear radiation detectors. , 0, , .		0
136	Characterization of N-in-N microstrip radiation detectors fabricated on different silicon substrates. , 0, , .		0