Filomeno SÃ¡nchez

List of Publications by Year
in descending order

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154	2,595	257450	214800
papers	citations	24 h-index	47 g-index

154	154	154	2056
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance evaluation of sideâ€byâ€side optically coupled monolithic LYSO crystals. Medical Physics, 2022, 49, 5616-5626.	3.0	9
2	Calibration of Gamma Ray Impacts in Monolithic-Based Detectors Using Voronoi Diagrams. IEEE Transactions on Radiation and Plasma Medical Sciences, 2020, 4, 350-360.	3.7	23
3	In-depth evaluation of TOF-PET detectors based on crystal arrays and the TOFPET2 ASIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 977, 164295.	1.6	13
4	Exploring TOF capabilities of PET detector blocks based on large monolithic crystals and analog SiPMs. Physica Medica, 2020, 70, 10-18.	0.7	38
5	Pilot performance of a dedicated prostate PET suitable for diagnosis and biopsy guidance. EJNMMI Physics, 2020, 7, 38.	2.7	9
6	Towards 100 ps PET Detectors Suitable for High-Resolution Brain Mouse Imaging. , 2020, , .		0
7	TOF studies for dedicated PET with open geometries. Journal of Instrumentation, 2019, 14, C02006-C02006.	1.2	3
8	Motion Correction of Multi-Frame PET Data. , 2019, , .		1
9	Characterization of LYSO and CeBr3 Detectors with Lateral Sides Readout for a Multilayer Compton-PET. , 2019, , .		0
10	High resolution and sensitivity gamma camera with active septa. A first Monte Carlo study. Scientific Reports, 2019, 9, 18431.	3.3	9
11	Initial Results of the MINDView PET Insert Inside the 3T mMR. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 343-351.	3.7	47
12	Novel method to measure the intrinsic spatial resolution in PET detectors based on monolithic crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 920, 58-67.	1.6	20
13	Building blocks of a multi-layer PET with time sequence photon interaction discrimination and double Compton camera. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 895, 74-83.	1.6	7
14	Detector block performance based on a monolithic LYSO crystal using a novel signal multiplexing method. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 372-377.	1.6	29
15	PET detector block with accurate 4D capabilities. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 132-136.	1.6	4
16	Feasibility Study of a Small Animal PET Insert Based on a Single LYSO Monolithic Tube. Frontiers in Medicine, 2018, 5, 328.	2.6	20
17	TOF-PET Detectors Based on ASIC Technology and Analog SiPMs. , 2018, , .		1
18	Calibration of PET Detectors Based on Monolithic Blocks Using Voronoi Diagrams. , 2018, , .		1

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19	Organ-Dedicated Molecular Imaging Systems. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 388-403.	3.7	64
20	QR-Factorization Algorithm for Computed Tomography (CT): Comparison With FDK and Conjugate Gradient (CG) Algorithms. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 459-469.	3.7	6
21	Performance Study of a Large Monolithic LYSO PET Detector With Accurate Photon DOI Using Retroreflector Layers. IEEE Transactions on Radiation and Plasma Medical Sciences, 2017, 1, 229-237.	3.7	61
22	Improving PET sensitivity with a Compton algorithm. Journal of Physics: Conference Series, 2017, 931, 012012.	0.4	2
23	Highly improved operation of monolithic BGO-PET blocks. Journal of Instrumentation, 2017, 12, C11027-C11027.	1.2	12
24	A scintillator geometry suitable for very small PET gantries. Journal of Instrumentation, 2017, 12, C12018-C12018.	1.2	4
25	Improving PET Sensitivity and Resolution by Photon Interaction Sequence Timing Discrimination. , 2017, , .		1
26	Progress Report for an Accurate PET Detector Based on SiPMs and the TOFPET ASIC. , 2017, , .		0
27	Implementation of Monolithic Crystals in Stand- Alone Brain PET, and PET-MR Insert, Developments. , 2017, , .		1
28	A Method to Measure the Intrinsic Detector Resolution on Monolithic Crystals. , 2017, , .		1
29	PET Detector Block with DOI Capabilities Based on a Large Monolithic BGOCrystal. , 2017, , .		0
30	A Direct Ray Tracing Reconstruction Algorithm Using an Adaptive Median Filter. , 2017, , .		0
31	Preliminary characterization of ASIC-based detectors for TOF-PET applications. , 2016, , .		0
32	Pilot tests of a PET insert based on monolithic crystals in a 7T MR. , 2016, , .		1
33	Noise rejection in monolithic PET detectors. , 2016, , .		1
34	A PET Design Based on SiPM and Monolithic LYSO Crystals: Performance Evaluation. IEEE Transactions on Nuclear Science, 2016, 63, 2471-2477.	2.0	56
35	Performance evaluation of the mindview PET using GATE and STIR. , 2016, , .		1
36	A brain PET insert MR compatible: Final design and first results. , 2016, , .		3

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37	Pilot Studies With BGO Scintillators Coupled to Low-Noise, Large-Area, SiPM Arrays. IEEE Transactions on Nuclear Science, 2016, 63, 2482-2486.	2.0	5
38	The MINDView brain PET detector, feasibility study based on SiPM arrays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 818, 82-90.	1.6	54
39	Determination of the Interaction Position of Gamma Photons in Monolithic Scintillators Using Neural Network Fitting. IEEE Transactions on Nuclear Science, 2016, 63, 30-36.	2.0	19
40	Calibration and Performance Tests of Detectors for Laser-Accelerated Protons. IEEE Transactions on Nuclear Science, 2015, 62, 3216-3224.	2.0	12
41	Design of a Thomson parabola spectrometer for the detection of laser-accelerated protons and ions. , 2015, , .		0
42	Next generation of the Albira small animal PET based on high density SiPM arrays. , 2015, , .		4
43	A new method for image reconstruction in computed tomography (CT) using QR-Decomposition: Image quality assessment. , 2015, , .		2
44	Detailed requirements for a laser-based proton/ion accelerator for radioisotope production. , 2015, , .		2
45	Performance of large BGO arrays coupled to SiPM photosensors â€" Continued study. , 2015, , .		5
46	Pixel size gradient detector for monolithic crystal PET systems. , 2015, , .		0
47	Analysis of the Statistical Moments of the Scintillation Light Distribution With dSiPMs. IEEE Transactions on Nuclear Science, 2015, 62, 1981-1988.	2.0	4
48	Timing Results Using an FPGA-Based TDC with Large Arrays of 144 SiPMs. IEEE Transactions on Nuclear Science, 2015, 62, 12-18.	2.0	10
49	Performance Study of a Wide-Area SiPM Array, ASICs Controlled. IEEE Transactions on Nuclear Science, 2015, 62, 19-26.	2.0	13
50	Detector block based on arrays of 144 SiPMs and monolithic scintillators: A performance study. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 787, 42-45.	1.6	9
51	Noise Analysis in Computed Tomography (CT) Image Reconstruction using QR-Decomposition Algorithm. IEEE Transactions on Nuclear Science, 2015, 62, 869-875.	2.0	8
52	Time of flight measurements based on FPGA using a breast dedicated PET. Journal of Instrumentation, 2014, 9, C05012-C05012.	1.2	3
53	Retroreflector arrays for better light collection efficiency of Î³-ray imaging detectors with continuous scintillation crystals without DOI misestimation. Journal of Instrumentation, 2014, 9, P04009-P04009.	1.2	2
54	Results of a combined monolithic crystal and an array of ASICs controlled SiPMs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 734, 132-136.	1.6	16

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55	Time-to-Digital Converter Based on FPGA With Multiple Channel Capability. IEEE Transactions on Nuclear Science, 2014, 61, 107-114.	2.0	42
56	Minimization of border effects in monolithic scintillators using neural networks, based on MR-compatible SiPM arrays. EJNMMI Physics, 2014, 1, A19.	2.7	2
57	Progress report on the MindView brain PET detector module based on large area SiPMs arrays. EJNMMI Physics, 2014, 1, A66.	2.7	1
58	Time of flight measurements based on FPGA and SiPMs for PETâ€“MR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 734, 127-131.	1.6	8
59	144 Channel measurement IC for CdZnTe sensors with energy and time resolution. Microelectronics Journal, 2014, 45, 1275-1280.	2.0	3
60	Pile-up discrimination method applied to novel gamma-ray detectors based on SiPMs arrays. , 2014, , .		1
61	3-D photon impact determination using fitting approaches to the Light Distribution. , 2014, , .		7
62	Parallelization of MLEM algorithm for PET reconstruction based on GPUs. , 2014, , .		0
63	Position sensitive photosensors based on SiPM arrays. , 2014, , .		0
64	A novel brain PET insert for the MINDView project. , 2014, , .		9
65	Continuous or pixelated scintillators?, not longer a discussion. , 2014, , .		0
66	Simulation Study of Resistor Networks Applied to an Array of 256 SiPMs. IEEE Transactions on Nuclear Science, 2013, 60, 592-598.	2.0	10
67	Minimization of Parallax Error in Dedicated Breast PET. IEEE Transactions on Nuclear Science, 2013, 60, 739-745.	2.0	7
68	High-resolution multichannel Time-to-Digital Converter core implemented in FPGA for ToF measurements in SiPM-PET. , 2013, , .		2
69	Effect of noise in CT image reconstruction using QR-Decomposition algorithm. , 2013, , .		2
70	144 channel measurement IC for CZT sensors with energy and time resolution. , 2013, , .		0
71	High resolution Time of Flight determination based on reconfigurable logic devices for future PET/MR systems. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 702, 73-76.	1.6	9
72	Expectation maximization (EM) algorithms using polar symmetries for computed tomography (CT) image reconstruction. Computers in Biology and Medicine, 2013, 43, 1053-1061.	7.0	9

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73	Implementation and analysis of list mode algorithm using tubes of response on a dedicated brain and breast PET. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 702, 129-132.	1.6	18
74	Monolithic crystals for PET devices: Optical coupling optimization. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 731, 288-294.	1.6	2
75	Design of the PETâ€“MR system for head imaging of the DREAM Project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 702, 94-97.	1.6	7
76	ALBIRA: A small animal PET/SPECT/CT imaging system. Medical Physics, 2013, 40, 051906.	3.0	81
77	Time reconstruction study using tubes of response backprojectors in list mode algorithms, applied to a monolithic crystals based breast PET. , 2013, , .		0
78	Statistical moments of scintillation light distribution analysis with dSiPMs and monolithic crystals. , 2013, , .		1
79	Time-of-flight detector for the characterisation of laser-accelerated protons. , 2013, , .		1
80	Dosimetric calibration of radiochromic film for laser-accelerated proton beams. , 2013, , .		1
81	Performance evaluation of the dual ring MAMMI breast PET. , 2013, , .		1
82	EM tomographic image reconstruction using polar voxels. Journal of Instrumentation, 2013, 8, C01004-C01004.	1.2	9
83	First results of an ASIC controlled γ-detector based on a SiPM-array and a monolithic LYSO. , 2012, , .		6
84	Time of Flight measurements in PET systems using FPGAs. , 2012, , .		1
85	Small animal PET scanner based on monolithic LYSO crystals: Performance evaluation. Medical Physics, 2012, 39, 643-653.	3.0	54
86	Performance of a DOI-encoding small animal PET system with monolithic scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 695, 317-321.	1.6	10
87	Innovative PET detector concept based on SiPMs and continuous crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 695, 213-217.	1.6	10
88	Design and evaluation of the MAMMI dedicated breast PET. Medical Physics, 2012, 39, 5393-5404.	3.0	101
89	Position correction with depth of interaction information for a small animal PET system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 648, S176-S180.	1.6	6
90	Attenuation correction without transmission scan for the MAMMI breast PET. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 648, S75-S78.	1.6	20

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91	Exploiting symmetries for weight matrix design in CT imaging. Mathematical and Computer Modelling, 2011, 54, 1655-1664.	2.0	9
92	Design and preliminary performance of a readout ASIC for CZT based high resolution PET. , 2011, , .		6
93	Sparse Givens resolution of large system of linear equations: Applications to image reconstruction. Mathematical and Computer Modelling, 2010, 52, 1258-1264.	2.0	4
94	Performance characteristics of the MAMMI PEMT scanner based on NEMA NU 2–2007. , 2010, , .		5
95	Energy and spatial resolution for a continuous scintillation crystal - interface - continuous scintillation crystal system in Positron Emission Tomography(PET). , 2009, , .		0
96	Depth of interaction detection for -ray imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 624-634.	1.6	32
97	Maximum likelihood positioning for gamma-ray imaging detectors with depth of interaction measurement. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 359-362.	1.6	21
98	Analysis of time resolution in a dual head <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mi>LSO</mml:mi><mml:mo>+</mml:mo><mml:mi>PSPMT</mml:mi></mml:math> PET system using low pass filter interpolation and digital constant fraction discriminator techniques. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 347-350.	1.6	7
99	Impact of the scattering coefficient of scintillation crystals (LYSO and LSO) on depth of interaction resolution. , 2008, , .		4
100	Dependency of Energy-, Position- and Depth of Interaction Resolution on Scintillation Crystal Coating and Geometry. IEEE Transactions on Nuclear Science, 2008, 55, 1344-1351.	2.0	44
101	Improved Digital Pulse Height Estimation for PET Detectors Using LMS Adaptive Filters. IEEE Transactions on Nuclear Science, 2008, 55, 48-53.	2.0	7
102	DOI measurement with monolithic scintillation crystals: A primary performance evaluation. , 2007, , .		14
103	Impact of crystal quality, geometry and surface finish for 3D impact position measurements in gamma ray detection systems. , 2007, , .		4
104	Scanner calibration of a small animal PET camera based on continuous LSO crystals and flat panel PSPMTs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 571, 26-29.	1.6	38
105	Performance tests of two portable mini gamma cameras for medical applications. Medical Physics, 2006, 33, 4210-4220.	3.0	59
106	Corrected position estimation in PET detector modules with multi-anode PMTs using neural networks. IEEE Transactions on Nuclear Science, 2006, 53, 776-783.	2.0	25
107	Design and Calibration of a Small Animal Pet Scanner Based on Continuous LYSO Crystals and PSPMTs. , 2006, , .		5
108	Data acquisition electronics for positron emission mammography (PEM) detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 537, 335-338.	1.6	0

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109	Design of a coincidence processing board for a dual-head PET scanner for breast imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 546, 28-32.	1.6	12
110	Determination of IBIS mask transmission matrix. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 537, 571-580.	1.6	1
111	Depth of interaction detection with enhanced position-sensitive proportional resistor network. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 537, 326-330.	1.6	16
112	Depth of /spl gamma/-ray interaction within continuous crystals from the width of its scintillation light-distribution. IEEE Transactions on Nuclear Science, 2005, 52, 560-572.	2.0	117
113	Design and tests of a portable mini gamma camera. Medical Physics, 2004, 31, 1384-1397.	3.0	70
114	A flat-panel-based mini gamma camera for lymph nodes studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 527, 92-96.	1.6	36
115	Medium field of view multiflat panel-based portable gamma camera. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 525, 298-302.	1.6	12
116	The Gamma Functional Navigator. IEEE Transactions on Nuclear Science, 2004, 51, 682-689.	2.0	3
117	A coded mask for Î³-ray astronomy. Design and calibration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 500, 253-262.	1.6	9
118	Performance tests of a medical mini gamma-camera (summary). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 504, 232-233.	1.6	9
119	Calibration of the spectrometer aboard the INTEGRAL satellite. , 2003, , .		2
120	Imaging with the coded aperture gamma-ray spectrometer SPI aboard INTEGRAL. , 2003, , .		3
121	SPI: The spectrometer aboard INTEGRAL. Astronomy and Astrophysics, 2003, 411, L63-L70.	5.1	472
122	INTEGRAL/SPI ground calibration. Astronomy and Astrophysics, 2003, 411, L71-L79.	5.1	62
123	Monte Carlo simulations and generation of the SPI response. Astronomy and Astrophysics, 2003, 411, L81-L84.	5.1	61
124	SPI/INTEGRAL observation of the Cygnus region. Astronomy and Astrophysics, 2003, 411, L377-L382.	5.1	20
125	SPI/INTEGRAL in-flight performance. Astronomy and Astrophysics, 2003, 411, L91-L100.	5.1	127
126	Portable mini gamma camera for medical applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 486, 186-190.	1.6	20

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127	Imaging test setup for the coded-mask /spl gamma/-ray spectrometer SPI. IEEE Transactions on Nuclear Science, 2001, 48, 1053-1058.	2.0	1
128	LEGRI Background. Short Term Variability. Astrophysics and Space Science, 2001, 276, 255-262.	1.4	2
129	Comparison Between Theoretical Predictions and LEGRI Background Noise Experimental Measurements. Astrophysics and Space Science, 2001, 276, 273-279.	1.4	0
130	Legri Operations. Detectors and Detector Stability. Astrophysics and Space Science, 2001, 276, 239-254.	1.4	3
131	Background noise read out by CsI(Tl) detectors irradiated with high energy protons. Nuclear Instruments & Methods in Physics Research B, 2001, 174, 526-534.	1.4	0
132	Modelling of U, Th, Ra and 137Cs radionuclides behaviour in rivers. Comparison with field observations. Applied Mathematical Modelling, 2000, 25, 57-77.	4.2	0
133	Production rate of proton-induced isotopes in different materials. Nuclear Instruments & Methods in Physics Research B, 2000, 160, 73-125.	1.4	15
134	The transfer of uranium from sediment to water along Jucar River, Spain. Journal of Radioanalytical and Nuclear Chemistry, 1999, 242, 297-307.	1.5	2
135	Effect of pH, temperature, conductivity and sediment size on thorium and radium activities along Jucar River (Spain). Journal of Radioanalytical and Nuclear Chemistry, 1999, 242, 671-681.	1.5	16
136	Background in low Earth orbits measured by LEGRI telescope â€“ short and long term variability. Nuclear Instruments & Methods in Physics Research B, 1999, 155, 160-168.	1.4	6
137	The EM imaging reconstruction method in Î³-ray astronomy. Nuclear Instruments & Methods in Physics Research B, 1998, 145, 469-481.	1.4	11
138	Monte Carlo study of an imager for low-energy Î³-ray astronomy: Optimization of the design and evaluation of the scientific performances. Nuclear Instruments & Methods in Physics Research B, 1997, 122, 283-292.	1.4	2
139	Production of radionuclides by 1.7 GeV proton-induced reactions on CdTe crystals. Nuclear Instruments & Methods in Physics Research B, 1996, 111, 315-320.	1.4	4
140	Proton-induced background in LEGRI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 380, 483-485.	1.6	2
141	Surface absorption in the interactions at energies near the coulomb barrier. Nuclear Physics A, 1995, 588, 537-558.	1.5	12
142	Behavior of uranium along Jucar River (Eastern Spain): Determination of234U/238U and235U/238U ratios. Journal of Radioanalytical and Nuclear Chemistry, 1995, 190, 113-120.	1.5	12
143	Measurement of radium and thorium isotopes in environmental samples by alpha-spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 1995, 191, 3-13.	1.5	26
144	High energy proton-induced radioactivity in HgI2 crystals. Nuclear Instruments & Methods in Physics Research B, 1995, 95, 344-348.	1.4	4

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145	Monte Carlo simulation of alpha spectra in low-geometry measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 338, 506-510.	1.6	12
146	Study of the background components for a Ge(HP) detector in environmental radioactivity measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 339, 297-301.	1.6	3
147	Radioactive concentrations of the Livingston Island soils (Antartica). Dosimetry considerations. Applied Radiation and Isotopes, 1994, 45, 675-681.	1.5	11
148	Natural and artificial radioactivity levels in Livingston Island (Antarctic Regions). Bulletin of Environmental Contamination and Toxicology, 1994, 52, 117-24.	2.7	13
149	Spallation products induced in CsI(Tl) by high-energy protons. Astrophysical Journal, Supplement Series, 1994, 92, 683.	7.7	6
150	A 3 X 3 CsI(Tl) array as an example of a segmented detector. Astrophysical Journal, Supplement Series, 1994, 92, 659.	7.7	0
151	Reduction of the Compton effect in large-volume environmental samples for standard geometrical dispositions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 312, 207-210.	1.6	5
152	A Monte Carlo based method of including gamma self-absorption for the analysis of environmental samples. Nuclear Instruments & Methods in Physics Research B, 1991, 61, 535-540.	1.4	18
153	Folding model analysis of 32S + 32S elastic scattering at 70, 90, 97.09, 120 and 160 MeV. Nuclear Physics A, 1987, 473, 353-364.	1.5	16
154	DOI-Enhanced Gamma-Ray Position Detection for a small animal PET camera. , 0, , .		0