

JosÃ© Ángel Villar

List of Publications by Year in descending order

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152
papers

4,114
citations

126858

33
h-index

128225

60
g-index

152
all docs

152
docs citations

152
times ranked

2050
citing authors

#	ARTICLE	IF	CITATIONS
1	First Results from the CERN Axion Solar Telescope. Physical Review Letters, 2005, 94, 121301.	2.9	298
2	IGEX76Geneutrinoless double-beta decay experiment: Prospects for next generation experiments. Physical Review D, 2002, 65, .	1.6	293
3	An improved limit on the axionâ€™s photon coupling from the CAST experiment. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 010-010.	1.9	211
4	Conceptual design of the International Axion Observatory (IAXO). Journal of Instrumentation, 2014, 9, T05002-T05002.	0.5	201
5	THE CASE FOR A DIRECTIONAL DARK MATTER DETECTOR AND THE STATUS OF CURRENT EXPERIMENTAL EFFORTS. International Journal of Modern Physics A, 2010, 25, 1-51.	0.5	151
6	Towards a new generation axion helioscope. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 013-013.	1.9	143
7	Search for Sub-eV Mass Solar Axions by the CERN Axion Solar Telescope with Buffer Gas. Physical Review Letters, 2011, 107, 261302.	2.9	129
8	Neutrinoless double-Î² decay of 76Ge: First results from the International Germanium Experiment (IGEX) with six isotopically enriched detectors. Physical Review C, 1999, 59, 2108-2113.	1.1	122
9	Probing eV-scale axions with CAST. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 008-008.	1.9	120
10	A decommissioned LHC model magnet as an axion telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 425, 480-487.	0.7	116
11	Search for Solar Axions by the CERN Axion Solar Telescope with Buffer Gas: Closing the Hot Dark Matter Gap. Physical Review Letters, 2014, 112, 091302.	2.9	92
12	Experimental Search for Solar Axions via Coherent Primakoff Conversion in a Germanium Spectrometer. Physical Review Letters, 1998, 81, 5068-5071.	2.9	85
13	Particle dark matter and solar axion searches with a small germanium detector at the Canfranc Underground Laboratory. Astroparticle Physics, 2002, 16, 325-332.	1.9	79
14	NEXT-100 Technical Design Report (TDR). Executive summary. Journal of Instrumentation, 2012, 7, T06001-T06001.	0.5	62
15	Improved constraints on wimps from the international germanium experiment IGEX. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 532, 8-14.	1.5	60
16	CAST constraints on the axion-electron coupling. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 010-010.	1.9	60
17	Radiopurity of micromegas readout planes. Astroparticle Physics, 2011, 34, 354-359.	1.9	54
18	Near-intrinsic energy resolution for 30â€™s 662keV gamma rays in a high pressure xenon electroluminescent TPC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 708, 101-114.	0.7	52

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19	First underground light versus heat discrimination for dark matter search. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 563, 48-52.	1.5	48
20	The IGEX experiment reexamined: A response to the critique of Klapdor-Kleingrothaus, Dietz, and Krivosheina. Physical Review D, 2004, 70, .	1.6	47
21	Present Status and Future Perspectives of the NEXT Experiment. Advances in High Energy Physics, 2014, 2014, 1-22.	0.5	46
22	New solar axion search using the CERN Axion Solar Telescope with $\langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{He} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mprescripts} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{filling.}$	1.6	45
23	Physical Review D, 2015, 92, . Recent results of the IGEX 76Ge double-beta decay experiment. Physics of Atomic Nuclei, 2000, 63, 1225-1228.	0.1	44
24	Cosmogenic activation in germanium and copper for rare event searches. Astroparticle Physics, 2010, 33, 316-329.	1.9	41
25	EURECA Conceptual Design Report. Physics of the Dark Universe, 2014, 3, 41-74.	1.8	41
26	First proof of topological signature in the high pressure xenon gas TPC with electroluminescence amplification for the NEXT experiment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	40
27	New constraints on WIMPS from the Canfranc IGEX dark matter search. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 268-272.	1.5	39
28	Filtering microphonics in dark matter germanium experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 321, 410-414.	0.7	36
29	First results of the ROSEBUD dark matter experiment. Astroparticle Physics, 2001, 15, 79-85.	1.9	36
30	Initial results of NEXT-DEMO, a large-scale prototype of the NEXT-100 experiment. Journal of Instrumentation, 2013, 8, P04002-P04002.	0.5	35
31	Prospects of solar axion searches with crystal detectors. Astroparticle Physics, 1999, 10, 397-404.	1.9	34
32	Search for 14.4 keV solar axions emitted in the M1-transition of ^{57}Fe nuclei with CAST. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 002-002.	1.9	34
33	Results of a dark matter search with a germanium detector in the Canfranc tunnel. Physical Review D, 1995, 51, 1458-1464.	1.6	33
34	Preliminary results of ANAIS-25. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 742, 187-190.	0.7	33
35	Bolometric WIMP search at Canfranc with different absorbers. Astroparticle Physics, 2004, 21, 23-34.	1.9	32
36	Neutron background at the Canfranc underground laboratory and its contribution to the IGEX-DM dark matter experiment. Astroparticle Physics, 2004, 21, 523-533.	1.9	31

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37	Background model for a NaI (Tl) detector devoted to dark matter searches. <i>Astroparticle Physics</i> , 2012, 37, 60-69.	1.9	31
38	Operation and first results of the NEXT-DEMO prototype using a silicon photomultiplier tracking array. <i>Journal of Instrumentation</i> , 2013, 8, P09011-P09011.	0.5	31
39	Pulse-shape discrimination in the IGEX experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 515, 634-643.	0.7	29
40	Accurate $\hat{1}^3$ and MeV-electron track reconstruction with an ultra-low diffusion Xenon/TMA TPC at 10 atm. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 804, 8-24.	0.7	29
41	Searching for annual modulations of WIMPs with NaI scintillators. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 386, 458-462.	1.5	28
42	Results of a search for annual modulation of WIMP signals. <i>Physical Review D</i> , 1997, 56, 1856-1862.	1.6	28
43	Search for chameleons with CAST. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 749, 172-180.	1.5	28
44	Performances and prospects of the ?ROSEBUD? dark matter search experiment. <i>Astroparticle Physics</i> , 1999, 10, 361-368.	1.9	27
45	The CAST time projection chamber. <i>New Journal of Physics</i> , 2007, 9, 171-171.	1.2	27
46	Search for an annual modulation of dark-matter signals with a germanium spectrometer at the Sierra Grande Laboratory. <i>Astroparticle Physics</i> , 1999, 10, 133-139.	1.9	26
47	A BGO scintillating bolometer as dark matter detector prototype. <i>Optical Materials</i> , 2009, 31, 1393-1397.	1.7	26
48	Results of a search for double positron decay and electron-positron conversion of Kr78. <i>Physical Review C</i> , 1994, 50, 1170-1174.	1.1	25
49	Current IGEX results for neutrinoless double-beta decay of ^{76}Ge . <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000, 87, 278-280.	0.5	25
50	Slow scintillation time constants in NaI(Tl) for different interacting particles. <i>Optical Materials</i> , 2013, 36, 316-320.	1.7	25
51	Improved limits for natural $\hat{1}^{\pm}$ radioactivity of tungsten with a CaWO4 scintillating bolometer. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 556, 14-20.	1.5	23
52	Radiopurity control in the NEXT-100 double beta decay experiment: procedures and initial measurements. <i>Journal of Instrumentation</i> , 2013, 8, T01002-T01002.	0.5	22
53	Sensitivity plots for WIMP direct detection using the annual modulation signature. <i>Astroparticle Physics</i> , 2001, 14, 339-350.	1.9	21
54	Radiopurity assessment of the tracking readout for the NEXT double beta decay experiment. <i>Journal of Instrumentation</i> , 2015, 10, P05006-P05006.	0.5	20

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55	Status of the ANAIS experiment at Canfranc. Nuclear Physics, Section B, Proceedings Supplements, 2003, 114, 111-115.	0.5	19
56	Light yield of undoped sapphire at low temperature under particle excitation. Applied Physics Letters, 2005, 87, 264102.	1.5	19
57	Study of parylene-coated NaI(Tl) at low temperatures for bolometric applications. Astroparticle Physics, 2013, 47, 31-37.	1.9	19
58	Assessment of material radiopurity for Rare Event experiments using Micromegas. Journal of Instrumentation, 2013, 8, C11012-C11012.	0.5	19
59	Results of a search on the neutrinoless double beta decay of ^{76}Ge to the excited states of ^{76}Se . II Nuovo Cimento A, 1988, 100, 525-551.	0.2	18
60	New experimental limits for the electron stability. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 353, 168-172.	1.5	17
61	Recent Performance of Scintillating Bolometers Developed for Dark Matter Searches. Journal of Low Temperature Physics, 2008, 151, 848-853.	0.6	17
62	Characterization of a medium size Xe/TMA TPC instrumented with microbulk Micromegas, using low-energy \hat{I}^3 -rays. Journal of Instrumentation, 2014, 9, C04015-C04015.	0.5	17
63	Solar axion experiments using coherent primakoff conversion in single crystals. Nuclear Physics, Section B, Proceedings Supplements, 1999, 72, 176-182.	0.5	16
64	Analysis of the ^{40}K contamination in NaI(Tl) crystals from different providers in the frame of the ANAIS project. International Journal of Modern Physics A, 2014, 29, 1443010.	0.5	16
65	New laboratory bounds on the stability of the electron. Physical Review D, 1995, 52, 3785-3792.	1.6	15
66	Update on the ANAIS experiment. ANAIS-0 prototype results at the new Canfranc Underground Laboratory. Journal of Physics: Conference Series, 2012, 375, 012026.	0.3	15
67	Bulk NaI(Tl) scintillation low energy events selection with the ANAIS-0 module. European Physical Journal C, 2014, 74, 1.	1.4	15
68	Searching for cold dark matter in the Southern Hemisphere. The experiment at Sierra Grande. Astroparticle Physics, 1996, 6, 63-69.	1.9	13
69	Background reduction and sensitivity for germanium double beta decay experiments. Astroparticle Physics, 2007, 28, 435-447.	1.9	13
70	Search for solar axion emission from ^7Li and $D(p, \hat{I}^3)^3\text{He}$ nuclear decays with the CAST \hat{I}^3 -ray calorimeter. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 032-032.	1.9	13
71	SiPMs coated with TPB: coating protocol and characterization for NEXT. Journal of Instrumentation, 2012, 7, P02010-P02010.	0.5	13
72	Description and commissioning of NEXT-MM prototype: first results from operation in a Xenon-Trimethylamine gas mixture. Journal of Instrumentation, 2014, 9, P03010-P03010.	0.5	13

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73	$\hat{\mu}$ -rays induced background in ultra low level counting with Ge spectrometers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 252, 87-90.	0.7	12
74	Dark matter searches at the Canfranc tunnel. Nuclear Physics, Section B, Proceedings Supplements, 1994, 35, 154-158.	0.5	12
75	Experimental search for solar axions. Nuclear Physics, Section B, Proceedings Supplements, 1999, 70, 59-63.	0.5	12
76	The first step toward CUORE: Cuoricino, a thermal detector array to search for rare events. Nuclear Physics, Section B, Proceedings Supplements, 2000, 87, 78-80.	0.5	12
77	Ionization and scintillation of nuclear recoils in gaseous xenon. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 793, 62-74.	0.7	12
78	Neutrinoless double beta decay in ^{76}Ge for transitions to excited states of ^{76}Se . Il Nuovo Cimento A, 1985, 85, 19-30.	0.2	11
79	Status of the ROSEBUD Dark Matter search experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 444, 315-318.	0.7	10
80	Radon and material radiopurity assessment for the NEXT double beta decay experiment. AIP Conference Proceedings, 2015, , .	0.3	10
81	Future axion searches with the International Axion Observatory (IAXO). Journal of Physics: Conference Series, 2013, 460, 012002.	0.3	9
82	An improved measurement of electron-ion recombination in high-pressure xenon gas. Journal of Instrumentation, 2015, 10, P03025-P03025.	0.5	9
83	New results of the WIMP search with the first IGEX Ge detectors. Physics of Atomic Nuclei, 2000, 63, 1268-1271.	0.1	8
84	Status of the non-cryogenic dark matter searches at the Canfranc Underground Laboratory. Nuclear Physics, Section B, Proceedings Supplements, 2005, 138, 147-149.	0.5	8
85	Recent developments on scintillating bolometers for WIMP searches: ROSEBUD status. Journal of Physics: Conference Series, 2006, 39, 133-135.	0.3	8
86	Thermal relative efficiency factor for recoiling ^{206}Pb nuclei in a sapphire bolometer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 113-118.	1.5	8
87	Development of Micromegas for neutrinoless double beta decay searches. Journal of Instrumentation, 2009, 4, P11016-P11016.	0.5	8
88	Energy partition in sapphire and BGO scintillating bolometers. Astroparticle Physics, 2011, 34, 603-607.	1.9	8
89	Radiopurity control in the NEXT-100 double beta decay experiment. , 2013, , .		8
90	Study of scintillation in natural and synthetic quartz and methacrylate. Optical Materials, 2014, 36, 1408-1417.	1.7	8

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91	Results of a search of the neutrinoless decay of ^{76}Ge to the first excited state of ^{76}Se in the Canfranc tunnel. <i>Il Nuovo Cimento A</i> , 1991, 104, 1581-1585.	0.2	7
92	The status of the IGEX ^{76}Ge double-beta decay experiment in 1997. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999, 70, 236-238.	0.5	7
93	Using wavelets to reject background in dark matter experiments. <i>Astroparticle Physics</i> , 2003, 20, 247-256.	1.9	7
94	Cosmogenic activation in germanium double beta decay experiments. <i>Journal of Physics: Conference Series</i> , 2006, 39, 344-346.	0.3	7
95	Detection of fast neutrons with LiF and Al_2O_3 scintillating bolometers. <i>Journal of Physics: Conference Series</i> , 2010, 203, 012139.	0.3	7
96	Design and characterization of the SiPM tracking system of NEXT-DEMO, a demonstrator prototype of the NEXT-100 experiment. <i>Journal of Instrumentation</i> , 2013, 8, T05002-T05002.	0.5	7
97	The Lisbon-Zaragoza-Paris dark matter search. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 370, 223-226.	0.7	6
98	ROSEBUD-II. Light-heat discrimination with scintillating bolometers underground. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 138, 519-521.	0.5	6
99	The cern axion solar telescope (CAST): an update. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 138, 41-44.	0.5	6
100	Neutrons from rock radioactivity in the new Canfranc underground laboratory. <i>Journal of Physics: Conference Series</i> , 2006, 39, 151-153.	0.3	6
101	An ionization chamber for coincidence experiments in a search for double beta positron decay and electron positron conversion of ^{78}Kr . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995, 356, 220-229.	0.7	5
102	Analysis of airborne radon in an ultra-low background experiment. <i>Applied Radiation and Isotopes</i> , 1998, 49, 1749-1754.	0.7	5
103	Towards measurement of recoils below 4 keV with the ROSEBUD experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999, 70, 90-95.	0.5	5
104	The CERN axion solar telescope (CAST): status and prospects. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003, 114, 75-80.	0.5	5
105	The International Germanium Experiment (IGEX) in 1993. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1994, 35, 354-357.	0.5	4
106	PMT calibration of a scintillation detector using primary scintillation. <i>Journal of Instrumentation</i> , 2015, 10, C02039-C02039.	0.5	4
107	A search of the neutrinoless decay of ^{76}Ge to the first excited state of ^{76}Se in the Canfranc tunnel. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1991, 17, S211-S216.	1.4	3
108	Cold dark matter searches at the Canfranc underground laboratory. <i>New Journal of Physics</i> , 2000, 2, 13-13.	1.2	3

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109	Cryogenic detection techniques at the canfranc underground laboratory: The ROSEBUD experiment. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 523.	0.5	3
110	The Canfranc Underground Laboratory. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 574.	0.5	3
111	Dark matter searches with NaI scintillators in the Canfranc underground laboratory: ANAIS experiment. Journal of Physics: Conference Series, 2006, 39, 123-125.	0.3	3
112	Background understanding and improvement in NaI scintillators. Journal of Physics: Conference Series, 2006, 39, 201-201.	0.3	3
113	Measurement of the Nuclear Recoil Thermal Relative Efficiency Factor with an Undoped Sapphire Scintillating Bolometer. Journal of Low Temperature Physics, 2008, 151, 865-870.	0.6	3
114	EURECA â The Future of Cryogenic Dark Matter Detection in Europe. EAS Publications Series, 2009, 36, 249-255.	0.3	3
115	BGO scintillating bolometer: Its application in dark matter experiments. Journal of Physics: Conference Series, 2010, 203, 012038.	0.3	3
116	ANAIS status report. Journal of Physics: Conference Series, 2010, 203, 012044.	0.3	3
117	Measurement of the differential neutron flux inside a lead shielding in a cryogenic experiment. Journal of Physics: Conference Series, 2012, 375, 012018.	0.3	3
118	Response of parylene-coated NaI(Tl) scintillators at low temperature. EPJ Web of Conferences, 2014, 65, 02001.	0.1	3
119	Background analysis and status of the ANAIS dark matter project. AIP Conference Proceedings, 2015, , .	0.3	3
120	Simulation of complex detection systems in neutrinoless double beta decay experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 273, 218-225.	0.7	2
121	Prospects for solar axion searches with crystals via Bragg scattering. Nuclear Physics, Section B, Proceedings Supplements, 2000, 87, 102-104.	0.5	2
122	Sensitivity plots for WIMP modulation searches. Nuclear Physics, Section B, Proceedings Supplements, 2000, 87, 111-113.	0.5	2
123	First results of the IGEX dark matter experiment at the Canfranc Underground Laboratory. Nuclear Physics, Section B, Proceedings Supplements, 2001, 95, 229-232.	0.5	2
124	Background studies and shielding effects for the TPC detector of the CAST experiment. New Journal of Physics, 2007, 9, 208-208.	1.2	2
125	The CAST experiment.. Journal of Physics: Conference Series, 2008, 110, 062023.	0.3	2
126	Light Relative Efficiency Factors for ions in BGO and Al ₂ O ₃ at 20mK. Astroparticle Physics, 2013, 50-52, 11-17.	1.9	2

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127	Production and relevance of cosmogenic radionuclides in NaI(Tl) crystals. AIP Conference Proceedings, 2015, , .	0.3	2
128	The IAXO Helioscope. Journal of Physics: Conference Series, 2015, 650, 012009.	0.3	2
129	Sandra, a precise and fast FORTRAN program for gamma-ray spectrum analysis using a small computer. Nuclear Instruments & Methods, 1981, 184, 509-513.	1.2	1
130	A reply to the comments of J. Busto et al. on our paper. Il Nuovo Cimento A, 1989, 102, 939-941.	0.2	1
131	Improved constraints on WIMPS from the International Germanium EXperiment IGEX. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 524.	0.5	1
132	Study of the neutron background at the Canfranc Underground Laboratory. Nuclear Physics, Section B, Proceedings Supplements, 2005, 138, 65-67.	0.5	1
133	First results from the CAST experiment. Journal of Physics: Conference Series, 2006, 39, 117-119.	0.3	1
134	The TPC shielding of the CAST experiment. Journal of Physics: Conference Series, 2006, 39, 191-193.	0.3	1
135	Background study for the pn-CCD detector of CERN Axion Solar Telescope. Astroparticle Physics, 2007, 28, 205-215.	1.9	1
136	Background level estimations using Pulse Shape Analysis in new generation Ge experiments. Journal of Physics: Conference Series, 2010, 203, 012134.	0.3	1
137	THE CANFRANC UNDERGROUND LABORATORY. PRESENT AND FUTURE. , 2005, , .		1
138	Results of a search for double positron decay and electron-positron conversion of ⁷⁸ Kr. Nuclear Physics, Section B, Proceedings Supplements, 1994, 35, 363-365.	0.5	0
139	Simulated progress in double-beta decay. Nuclear Physics, Section B, Proceedings Supplements, 1994, 35, 388-390.	0.5	0
140	Status of the ROSEBUD dark matter experiment in 1999. Nuclear Physics, Section B, Proceedings Supplements, 2000, 87, 500-501.	0.5	0
141	Searching for annual modulation in the WIMP signal: the ANAIS experiment at Canfranc. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 525.	0.5	0
142	PERFORMANCE OF A SCINTILLATING SAPPHIRE BOLOMETER FOR THE ROSEBUD EXPERIMENT. , 2005, , .		0
143	Scintillation of sapphire under particle excitation at low temperature. Journal of Physics: Conference Series, 2006, 39, 200-200.	0.3	0
144	Prospects for the CERN Axion Solar Telescope sensitivity to 14.4keV axions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 37-39.	0.7	0

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145	Latest results and prospects of the CERN Axion Solar Telescope. Journal of Physics: Conference Series, 2011, 309, 012001.	0.3	0
146	Background studies for NaI(Tl) detectors in the ANAIS dark matter project. , 2013, , .		0
147	The ROSEBUD experiment at Canfranc: 2001 report. Nuclear Physics, Section B, Proceedings Supplements, 2002, 110, 97-99.	0.5	0
148	AXION SEARCHES AT CERN WITH THE CAST TELESCOPE. , 2003, , .		0
149	THE CERN AXION SOLAR TELESCOPE. , 2003, , .		0
150	STATUS OF THE ANAIS EXPERIMENT AT CANFRANC. , 2005, , .		0
151	FIRST RESULTS FROM THE CERN AXION SOLAR TELESCOPE (CAST). , 2005, , .		0
152	Search for Solar Axions with the CAST-Experiment. , 2008, , .		0