

Dominique Yvon

List of Publications by Year in descending order

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191
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#	ARTICLE	IF	CITATIONS
1	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A13.	2.1	8,344
2	<i>Planck</i> 2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	2.1	4,703
3	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A20.	2.1	1,233
4	<i>Planck</i> 2013 results. I. Overview of products and scientific results. Astronomy and Astrophysics, 2014, 571, A1.	2.1	948
5	Joint Analysis of BICEP2/<i>Keck Array</i> and <i>Planck</i> Data. Physical Review Letters, 2015, 114, 101301.	2.9	819
6	<i>Planck</i> 2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	2.1	806
7	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A1.	2.1	738
8	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A11.	2.1	613
9	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A14.	2.1	568
10	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. Astronomy and Astrophysics, 2014, 571, A11.	2.1	566
11	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A27.	2.1	535
12	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A24.	2.1	525
13	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. Astronomy and Astrophysics, 2014, 571, A20.	2.1	465
14	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A17.	2.1	440
15	<i>Planck</i> early results. I. The <i>Planck</i> mission. Astronomy and Astrophysics, 2011, 536, A1.	2.1	394
16	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A10.	2.1	384
17	<i>Planck</i> 2013 results. XXIX. The <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2014, 571, A29.	2.1	380
18	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. Astronomy and Astrophysics, 2014, 571, A23.	2.1	367

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19	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	2.1	364
20	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A15.	2.1	360
21	<i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. <i>Astronomy and Astrophysics</i> , 2014, 571, A24.	2.1	350
22	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A16.	2.1	338
23	<i>Planck</i> early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. <i>Astronomy and Astrophysics</i> , 2011, 536, A8.	2.1	335
24	<i>Planck</i> early results. XIX. All-sky temperature and dust optical depth from <i>Planck</i> and IRAS. Constraints on the "dark gas" in our Galaxy. <i>Astronomy and Astrophysics</i> , 2011, 536, A19.	2.1	314
25	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A131.	2.1	276
26	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A22.	2.1	274
27	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A19.	2.1	273
28	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. <i>Astronomy and Astrophysics</i> , 2014, 571, A17.	2.1	272
29	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A138.	2.1	270
30	<i>Planck</i> pre-launch status: The <i>Planck</i> mission. <i>Astronomy and Astrophysics</i> , 2010, 520, A1.	2.1	268
31	<i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2011, 536, A7.	2.1	224
32	<i>Planck</i> 2013 results. XXV. Searches for cosmic strings and other topological defects. <i>Astronomy and Astrophysics</i> , 2014, 571, A25.	2.1	223
33	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	2.1	216
34	<i>Planck</i> 2013 results. XXX. Cosmic infrared background measurements and implications for star formation. <i>Astronomy and Astrophysics</i> , 2014, 571, A30.	2.1	210
35	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A8.	2.1	209
36	Cosmological constraints from Archeops. <i>Astronomy and Astrophysics</i> , 2003, 399, L25-L30.	2.1	188

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37	<i>Planck</i> pre-launch status: The HFI instrument, from specification to actual performance. <i>Astronomy and Astrophysics</i> , 2010, 520, A9.	2.1	184
38	<i>Planck</i> early results. XXV. Thermal dust in nearby molecular clouds. <i>Astronomy and Astrophysics</i> , 2011, 536, A25.	2.1	184
39	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A9.	2.1	182
40	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A26.	2.1	182
41	<i>Planck</i> early results. XVIII. The power spectrum of cosmic infrared background anisotropies. <i>Astronomy and Astrophysics</i> , 2011, 536, A18.	2.1	180
42	<i>Planck</i> early results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo. <i>Astronomy and Astrophysics</i> , 2011, 536, A24.	2.1	179
43	<i>Planck</i> early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A11.	2.1	174
44	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A133.	2.1	173
45	The cosmic microwave background anisotropy power spectrum measured by Archeops. <i>Astronomy and Astrophysics</i> , 2003, 399, L19-L23.	2.1	170
46	<i>Planck</i> 2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. <i>Astronomy and Astrophysics</i> , 2014, 571, A27.	2.1	170
47	<i>Planck</i> 2013 results. XXVIII. The <i>Planck</i> Catalogue of Compact Sources. <i>Astronomy and Astrophysics</i> , 2014, 571, A28.	2.1	162
48	<i>Planck</i> early results. XX. New light on anomalous microwave emission from spinning dust grains. <i>Astronomy and Astrophysics</i> , 2011, 536, A20.	2.1	155
49	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A25.	2.1	153
50	<i>Planck</i> early results. XXIII. The first all-sky survey of Galactic cold clumps. <i>Astronomy and Astrophysics</i> , 2011, 536, A23.	2.1	152
51	<i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	2.1	144
52	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 557, A52.	2.1	141
53	<i>Planck</i> early results. IV. First assessment of the High Frequency Instrument in-flight performance. <i>Astronomy and Astrophysics</i> , 2011, 536, A4.	2.1	136
54	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.	2.1	134

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55	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A28.	2.1	134
56	<i>Planck</i> 2013 results. XXI. Power spectrum and high-order statistics of the <i>Planck</i> all-sky Compton parameter map. Astronomy and Astrophysics, 2014, 571, A21.	2.1	133
57	<i>Planck</i> 2013 results. IX. HFI spectral response. Astronomy and Astrophysics, 2014, 571, A9.	2.1	129
58	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. Astronomy and Astrophysics, 2014, 571, A19.	2.1	126
59	<i>Planck</i> early results. IX. <i>XMM-Newton</i> follow-up for validation of <i>Planck</i> cluster candidates. Astronomy and Astrophysics, 2011, 536, A9.	2.1	126
60	<i>Planck</i> early results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. Astronomy and Astrophysics, 2011, 536, A10.	2.1	124
61	<i>Planck</i> early results. XVII. Origin of the submillimetre excess dust emission in the Magellanic Clouds. Astronomy and Astrophysics, 2011, 536, A17.	2.1	123
62	<i>Planck</i> early results. XXI. Properties of the interstellar medium in the Galactic plane. Astronomy and Astrophysics, 2011, 536, A21.	2.1	119
63	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A12.	2.1	117
64	<i>Planck</i> early results. VI. The High Frequency Instrument data processing. Astronomy and Astrophysics, 2011, 536, A6.	2.1	116
65	<i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. Astronomy and Astrophysics, 2014, 571, A18.	2.1	116
66	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A21.	2.1	114
67	Five Years of Experimental Warming Increases the Biodiversity and Productivity of Phytoplankton. PLoS Biology, 2015, 13, e1002324.	2.6	111
68	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A132.	2.1	109
69	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A135.	2.1	109
70	<i>Planck</i> 2013 results. VIII. HFI photometric calibration and mapmaking. Astronomy and Astrophysics, 2014, 571, A8.	2.1	107
71	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A139.	2.1	106
72	<i>Planck</i> early results. XIII. Statistical properties of extragalactic radio sources in the <i>Planck</i> Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A13.	2.1	103

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73	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A6.	2.1	103
74	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 554, A140.	2.1	101
75	<i>Planck</i> early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A12.	2.1	100
76	<i>Planck</i> 2013 results. VII. HFI time response and beams. <i>Astronomy and Astrophysics</i> , 2014, 571, A7.	2.1	99
77	Measurement of ionization and phonon production by nuclear recoils in a 60 g crystal of germanium at 25 mK. <i>Physical Review Letters</i> , 1992, 69, 3425-3427.	2.9	98
78	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A134.	2.1	94
79	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A7.	2.1	94
80	<i>Planck</i> early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A15.	2.1	93
81	First detection of polarization of the submillimetre diffuse galactic dust emission by Archeops. <i>Astronomy and Astrophysics</i> , 2004, 424, 571-582.	2.1	93
82	<i>Planck</i> early results. II. The thermal performance of <i>Planck</i> . <i>Astronomy and Astrophysics</i> , 2011, 536, A2.	2.1	91
83	<i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. <i>Astronomy and Astrophysics</i> , 2014, 571, A26.	2.1	91
84	<i>Planck</i> 2013 results. XIV. Zodiacal emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A14.	2.1	90
85	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A140.	2.1	89
86	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A23.	2.1	89
87	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A103.	2.1	89
88	<i>Planck</i> early results. XXII. The submillimetre properties of a sample of Galactic cold clumps. <i>Astronomy and Astrophysics</i> , 2011, 536, A22.	2.1	88
89	Searching for the cosmion by scattering in Si detectors. <i>Physical Review Letters</i> , 1990, 65, 1305-1308.	2.9	86
90	<i>Planck</i> pre-launch status: High Frequency Instrument polarization calibration. <i>Astronomy and Astrophysics</i> , 2010, 520, A13.	2.1	82

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91	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2014, 566, A54.	2.1	80
92	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2014, 561, A97.	2.1	80
93	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 580, A22.	2.1	80
94	<i>Planck</i> 2013 results. XXXII. The updated <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2015, 581, A14.	2.1	80
95	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A2.	2.1	79
96	<i>Planck</i> early results. XVI. The <i>Planck</i> view of nearby galaxies. Astronomy and Astrophysics, 2011, 536, A16.	2.1	74
97	<i>Planck</i> 2013 results. II. Low Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A2.	2.1	74
98	The Planck High Frequency Instrument, a third generation CMB experiment, and a full sky submillimeter survey. New Astronomy Reviews, 2003, 47, 1017-1024.	5.2	73
99	<i>Planck</i> early results. XXVI. Detection with <i>Planck</i> and confirmation by <i>XMM-Newton</i> of PLCKG266.6â€“27.3, an exceptionally X-ray luminous and massive galaxy cluster at <i>z</i>=1. Astronomy and Astrophysics, 2011, 536, A26.	2.1	72
100	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A136.	2.1	72
101	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. Astronomy and Astrophysics, 2014, 571, A31.	2.1	69
102	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A18.	2.1	69
103	<i>Planck</i> 2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. Astronomy and Astrophysics, 2014, 571, A10.	2.1	68
104	<i>Planck</i> 2013 results. V. LFI calibration. Astronomy and Astrophysics, 2014, 571, A5.	2.1	67
105	<i>Planck</i> intermediate results. XV. A study of anomalous microwave emission in Galactic clouds. Astronomy and Astrophysics, 2014, 565, A103.	2.1	67
106	Measurement of the ionization of slow silicon nuclei in silicon for the calibration of a silicon dark-matter detector. Physical Review D, 1990, 42, 3211-3214.	1.6	63
107	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A129.	2.1	63
108	Simultaneous high resolution measurement of phonons and ionization created by particle interactions in a 60 g germanium crystal at 25 mK. Physical Review Letters, 1992, 69, 3531-3534.	2.9	62

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109	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A6.	2.1	62
110	Planck early results. XIV. ERCSC validation and extreme radio sources. Astronomy and Astrophysics, 2011, 536, A14.	2.1	61
111	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A31.	2.1	59
112	Archeops: a high resolution, large sky coverage balloon experiment for mapping cosmic microwave background anisotropies. Astroparticle Physics, 2002, 17, 101-124.	1.9	56
113	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A4.	2.1	56
114	<i>Planck</i> intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. Astronomy and Astrophysics, 2014, 564, A45.	2.1	55
115	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A141.	2.1	55
116	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A5.	2.1	55
117	<i>Planck</i> 2013 results. III. LFI systematic uncertainties. Astronomy and Astrophysics, 2014, 571, A3.	2.1	54
118	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A3.	2.1	53
119	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A133.	2.1	52
120	Temperature and polarization angular power spectra of Galactic dust radiation at 353 GHz as measured by Archeops. Astronomy and Astrophysics, 2005, 444, 327-336.	2.1	51
121	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2012, 543, A102.	2.1	50
122	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A134.	2.1	48
123	<i>Planck</i> intermediate results. XXVI. Optical identification and redshifts of <i>Planck</i> clusters with the RTT150 telescope. Astronomy and Astrophysics, 2015, 582, A29.	2.1	46
124	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A100.	2.1	44
125	The CMB temperature power spectrum from an improved analysis of the Archeops data. Astronomy and Astrophysics, 2005, 436, 785-797.	2.1	43
126	Calibration of a Ge crystal with nuclear recoils for the development of a dark matter detector. Astroparticle Physics, 1995, 3, 361-366.	1.9	42

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127	Dark matter search with a low temperature sapphire bolometer. <i>Astroparticle Physics</i> , 1996, 6, 35-43.	1.9	41
128	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 580, A13.	2.1	37
129	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A104.	2.1	36
130	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 582, A28.	2.1	33
131	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A139.	2.1	32
132	Background discrimination capabilities of a heat and ionization germanium cryogenic detector. <i>Astroparticle Physics</i> , 2001, 14, 329-337.	1.9	28
133	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A137.	2.1	27
134	<i>Planck</i> pre-launch status: HFI ground calibration. <i>Astronomy and Astrophysics</i> , 2010, 520, A10.	2.1	25
135	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A102.	2.1	25
136	Archeops in-flight performance, data processing, and map making. <i>Astronomy and Astrophysics</i> , 2007, 467, 1313-1344.	2.1	24
137	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A101.	2.1	24
138	Sunyaev-Zel'dovich cluster reconstruction in multiband bolometer camera surveys. <i>Astronomy and Astrophysics</i> , 2006, 455, 741-755.	2.1	24
139	A comparison of algorithms for the construction of SZ cluster catalogues. <i>Astronomy and Astrophysics</i> , 2012, 548, A51.	2.1	23
140	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A106.	2.1	23
141	Kinetic Inductance Detectors for the OLIMPO experiment: in-flight operation and performance. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 003-003.	1.9	23
142	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A128.	2.1	20
143	<i>Planck</i> intermediate results. XII: Diffuse Galactic components in the Gould Belt system. <i>Astronomy and Astrophysics</i> , 2013, 557, A53.	2.1	19
144	Measurement of electron-phonon decoupling time in neutron-transmutation doped germanium at 20 mK. <i>Journal of Low Temperature Physics</i> , 1993, 93, 289-294.	0.6	18

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145	The OLIMPO experiment. <i>New Astronomy Reviews</i> , 2007, 51, 385-389.	5.2	16
146	CaLIPSO: An Novel Detector Concept for PET Imaging. <i>IEEE Transactions on Nuclear Science</i> , 2014, 61, 60-66.	1.2	16
147	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A132.	2.1	15
148	Mirage: A new iterative map-making code for CMB experiments. <i>Astronomy and Astrophysics</i> , 2005, 436, 729-739.	2.1	15
149	In-Flight Performance of the LEKIDs of the OLIMPO Experiment. <i>Journal of Low Temperature Physics</i> , 2020, 199, 491-501.	0.6	14
150	Prospects for dark energy evolution: a frequentist multi-probe approach. <i>Astronomy and Astrophysics</i> , 2006, 448, 831-842.	2.1	14
151	Low noise voltage and charge preamplifiers for phonon and ionization detectors at very low temperature. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 368, 778-788.	0.7	13
152	Dark matter search in the FrÃ©jus Underground Laboratory EDELWEISS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 370, 230-232.	0.7	12
153	Design study of a scintronic crystal targeting tens of picoseconds time resolution for gamma ray imaging: the ClearMind detector. <i>Journal of Instrumentation</i> , 2020, 15, P07029-P07029.	0.5	12
154	Status of the EDELWEISS experiment. <i>Physics Reports</i> , 1998, 307, 297-300.	10.3	11
155	Lock-in detection using a cryogenic low noise current preamplifier for the readout of resistive bolometers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 481, 306-316.	0.7	9
156	Simulation and optimization of the Cherenkov TOF whole-body PET scanner. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 912, 378-381.	0.7	8
157	Cosmology with wide-field SZ cluster surveys: selection and systematic effects. <i>Astronomy and Astrophysics</i> , 2007, 465, 57-65.	2.1	8
158	Evidence for signal enhancement due to ballistic phonon conversion in NbSi thin films bolometers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 370, 200-202.	0.7	7
159	Trimethyl Bismuth Optical Properties for Particle Detection and the CaLIPSO Detector. <i>IEEE Transactions on Nuclear Science</i> , 2015, 62, 1326-1335.	1.2	7
160	Efficient and fast 511-keV β^+ detection through Cherenkov radiation: the CaLIPSO optical detector. <i>Journal of Instrumentation</i> , 2016, 11, P11008-P11008.	0.5	7
161	Fast and efficient detection of 511 keV photons using Cherenkov light in PbF ₂ crystal, coupled to a MCP-PMT and SAMPIC digitization module. <i>Journal of Instrumentation</i> , 2019, 14, P12001-P12001.	0.5	7
162	Systematic study of massive germanium pin diode detectors at 20 mK. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 370, 193-195.	0.7	6

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163	A solid ionization chamber operated at 20 mK. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 370, 213-214.	0.7	6
164	Status of the EDELWEISS experiment. Nuclear Physics, Section B, Proceedings Supplements, 1999, 70, 69-73.	0.5	6
165	CaLIPSO: TMBi properties for particles detection. , 2012, , .		6
166	Development of the fast and efficient gamma detector using Cherenkov light for TOF-PET. Journal of Instrumentation, 2017, 12, C12029-C12029.	0.5	6
167	Scintillating properties of today available lead tungstate crystals. Journal of Instrumentation, 2021, 16, P08040.	0.5	6
168	A cryogenic detector with simultaneous phonon and ionization measurement for background rejection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 326, 166-171.	0.7	5
169	Low noise cryogenic electronics: preamplifier configurations with feedback on the bolometer. IEEE Transactions on Nuclear Science, 2000, 47, 428-437.	1.2	5
170	Free ion yield of trimethyl bismuth used as sensitive medium for high-energy photon detection. Journal of Instrumentation, 2018, 13, P11004-P11004.	0.5	5
171	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 610, C1.	2.1	5
172	Performance Estimation for the High Resolution CaLIPSO Brain PET Scanner: A Simulation Study. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 363-370.	2.7	5
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