

Dominique Yvon

List of Publications by Year in descending order

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193
docs citations

193
times ranked

19725
citing authors

#	ARTICLE	IF	CITATIONS
1	Scintillating properties of today available lead tungstate crystals. Journal of Instrumentation, 2021, 16, P08040.	0.5	6
2	Ionization parameters of Trimethylbismuth for high-energy photon detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162646.	0.7	1
3	In-Flight Performance of the LEKIDs of the OLIMPO Experiment. Journal of Low Temperature Physics, 2020, 199, 491-501.	0.6	14
4	Design study of a "œscintronic" crystal targeting tens of picoseconds time resolution for gamma ray imaging: the ClearMind detector. Journal of Instrumentation, 2020, 15, P07029-P07029.	0.5	12
5	Kinetic Inductance Detectors for the OLIMPO experiment: in-flight operation and performance. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 003-003.	1.9	23
6	Fast and efficient detection of 511 keV photons using Cherenkov light in PbF ₂ crystal, coupled to a MCP-PMT and SAMPIC digitization module. Journal of Instrumentation, 2019, 14, P12001-P12001.	0.5	7
7	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
8	Simulation and optimization of the Cherenkov TOF whole-body PET scanner. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 378-381.	0.7	8
9	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
10	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 610, C1.	2.1	5
11	Development of the fast and efficient gamma detector using Cherenkov light for TOF-PET. Journal of Instrumentation, 2017, 12, C12029-C12029.	0.5	6
12	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A140.	2.1	89
13	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A134.	2.1	48
14	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A28.	2.1	134
15	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A7.	2.1	94
16	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A10.	2.1	384
17	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A23.	2.1	89
18	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A12.	2.1	117

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19	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A24.	2.1	525
20	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A132.	2.1	109
21	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A6.	2.1	62
22	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A2.	2.1	79
23	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A8.	2.1	209
24	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A9.	2.1	182
25	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A141.	2.1	55
26	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A100.	2.1	44
27	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A5.	2.1	55
28	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A4.	2.1	56
29	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A18.	2.1	69
30	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A21.	2.1	114
31	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A3.	2.1	53
32	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A19.	2.1	273
33	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A16.	2.1	338
34	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A20.	2.1	1,233
35	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A101.	2.1	24
36	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A27.	2.1	535

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37	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A138.	2.1	270
38	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A1.	2.1	738
39	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A14.	2.1	568
40	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A15.	2.1	360
41	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A25.	2.1	153
42	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A103.	2.1	89
43	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A133.	2.1	173
44	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A137.	2.1	27
45	Efficient and fast 511-keV γ detection through Cherenkov radiation: the CaLIPSO optical detector. Journal of Instrumentation, 2016, 11, P11008-P11008.	0.5	7
46	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A13.	2.1	8,344
47	Development of the fast and efficient gamma detector using cherenkov light. , 2016, , .		0
48	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A22.	2.1	274
49	Planck intermediate results. Astronomy and Astrophysics, 2016, 596, A106.	2.1	23
50	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A102.	2.1	25
51	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A104.	2.1	36
52	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A135.	2.1	109
53	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A136.	2.1	72
54	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A26.	2.1	182

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55	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A139.	2.1	32
56	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A17.	2.1	440
57	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A11.	2.1	613
58	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 580, A22.	2.1	80
59	<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
60	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A31.	2.1	59
61	<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
62	Simulation for CaLIPSO PET scanner. , 2015, , .		1
63	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 580, A13.	2.1	37
64	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A28.	2.1	33
65	Joint Analysis of BICEP2/<i>Keck Array</i> and <i>Planck</i> Data. Physical Review Letters, 2015, 114, 101301.	2.9	819
66	Trimethyl Bismuth Optical Properties for Particle Detection and the CaLIPSO Detector. IEEE Transactions on Nuclear Science, 2015, 62, 1326-1335.	1.2	7
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> 2013 results. XIV. Zodiacal emission. Astronomy and Astrophysics, 2014, 571, A14.	2.1	90
69	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A6.	2.1	103
70	<i>Planck</i> 2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. Astronomy and Astrophysics, 2014, 571, A10.	2.1	68
71	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. Astronomy and Astrophysics, 2014, 571, A31.	2.1	69
72	<i>Planck</i> 2013 results. V. LFI calibration. Astronomy and Astrophysics, 2014, 571, A5.	2.1	67

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73	<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
74	<i>Planck</i> intermediate results. XV. A study of anomalous microwave emission in Galactic clouds. <i>Astronomy and Astrophysics</i> , 2014, 565, A103.	2.1	67
75	<i>Planck</i> 2013 results. III. LFI systematic uncertainties. <i>Astronomy and Astrophysics</i> , 2014, 571, A3.	2.1	54
76	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	2.1	216
77	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A54.	2.1	80
78	<i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	2.1	144
79	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A11.	2.1	566
80	CaLIPSO: An Novel Detector Concept for PET Imaging. <i>IEEE Transactions on Nuclear Science</i> , 2014, 61, 60-66.	1.2	16
81	<i>Planck</i> 2013 results. I. Overview of products and scientific results. <i>Astronomy and Astrophysics</i> , 2014, 571, A1.	2.1	948
82	<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
83	<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
84	<i>Planck</i> intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2014, 564, A45.	2.1	55
85	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.	2.1	134
86	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	2.1	364
87	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014, 571, A20.	2.1	465
88	<i>Planck</i> 2013 results. XXI. Power spectrum and high-order statistics of the <i>Planck</i> all-sky Compton parameter map. <i>Astronomy and Astrophysics</i> , 2014, 571, A21.	2.1	133
89	<i>Planck</i> 2013 results. XXIX. The <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. <i>Astronomy and Astrophysics</i> , 2014, 571, A29.	2.1	380
90	<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

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91	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. Astronomy and Astrophysics, 2014, 571, A19.	2.1	126
92	<i>Planck</i> 2013 results. IX. HFI spectral response. Astronomy and Astrophysics, 2014, 571, A9.	2.1	129
93	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. Astronomy and Astrophysics, 2014, 571, A23.	2.1	367
94	<i>Planck</i> 2013 results. VII. HFI time response and beams. Astronomy and Astrophysics, 2014, 571, A7.	2.1	99
95	<i>Planck</i> 2013 results. VIII. HFI photometric calibration and mapmaking. Astronomy and Astrophysics, 2014, 571, A8.	2.1	107
96	<i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. Astronomy and Astrophysics, 2014, 571, A18.	2.1	116
97	<i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. Astronomy and Astrophysics, 2014, 571, A26.	2.1	91
98	<i>Planck</i> 2013 results. II. Low Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A2.	2.1	74
99	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2014, 561, A97.	2.1	80
100	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. Astronomy and Astrophysics, 2014, 571, A17.	2.1	272
101	<i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. Astronomy and Astrophysics, 2014, 571, A24.	2.1	350
102	<i>Planck</i> 2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	2.1	806
103	<i>Planck</i> 2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	2.1	4,703
104	CaLIPSO: A novel detector concept for positron annihilation detection. , 2013, , .		0
105	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 557, A52.	2.1	141
106	<i>Planck</i> intermediate results. XII: Diffuse Galactic components in the Gould Belt system. Astronomy and Astrophysics, 2013, 557, A53.	2.1	19
107	<i>Planck</i> intermediate results (Corrigendum). Astronomy and Astrophysics, 2013, 558, C2.	2.1	4
108	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A140.	2.1	101

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109	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A128.	2.1	20
110	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A131.	2.1	276
111	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A139.	2.1	106
112	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A129.	2.1	63
113	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A132.	2.1	15
114	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A133.	2.1	52
115	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A134.	2.1	94
116	The CaLIPSO detector project for enhanced PET imaging. , 2012, , .		0
117	CaLIPSO: TMBi properties for particles detection. , 2012, , .		6
118	A comparison of algorithms for the construction of SZ cluster catalogues. Astronomy and Astrophysics, 2012, 548, A51.	2.1	23
119	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2012, 543, A102.	2.1	50
120	<i>Planck</i> early results. XXI. Properties of the interstellar medium in the Galactic plane. Astronomy and Astrophysics, 2011, 536, A21.	2.1	119
121	<i>Planck</i> early results. XVIII. The power spectrum of cosmic infrared background anisotropies. Astronomy and Astrophysics, 2011, 536, A18.	2.1	180
122	<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
123	<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
124	<i>Planck</i> early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. Astronomy and Astrophysics, 2011, 536, A12.	2.1	100
125	<i>Planck</i> early results. II. The thermal performance of <i>Planck</i>. Astronomy and Astrophysics, 2011, 536, A2.	2.1	91
126	<i>Planck</i> early results. XX. New light on anomalous microwave emission from spinning dust grains. Astronomy and Astrophysics, 2011, 536, A20.	2.1	155

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127	<i>Planck</i> early results. XXV. Thermal dust in nearby molecular clouds. Astronomy and Astrophysics, 2011, 536, A25.	2.1	184
128	<i>Planck</i> early results. XXII. The submillimetre properties of a sample of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A22.	2.1	88
129	<i>Planck</i> early results. VI. The High Frequency Instrument data processing. Astronomy and Astrophysics, 2011, 536, A6.	2.1	116
130	<i>Planck</i> early results. XXIII. The first all-sky survey of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A23.	2.1	152
131	<i>Planck</i> early results. XVI. The <i>Planck</i> view of nearby galaxies. Astronomy and Astrophysics, 2011, 536, A16.	2.1	74
132	<i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A7.	2.1	224
133	<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. Astronomy and Astrophysics, 2011, 536, A19.	2.1	314
134	<i>Planck</i> early results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo. Astronomy and Astrophysics, 2011, 536, A24.	2.1	179
135	<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
136	<i>Planck</i> early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. Astronomy and Astrophysics, 2011, 536, A11.	2.1	174
137	Planck early results. XIV. ERCSC validation and extreme radio sources. Astronomy and Astrophysics, 2011, 536, A14.	2.1	61
138	<i>Planck</i> early results. IV. First assessment of the High Frequency Instrument in-flight performance. Astronomy and Astrophysics, 2011, 536, A4.	2.1	136
139	<i>Planck</i> early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. Astronomy and Astrophysics, 2011, 536, A8.	2.1	335
140	<i>Planck</i> early results. XXVI. Detection with <i>Planck</i> and confirmation by <i>XMM-Newton</i> of PLCKG266.6+27.3, an exceptionally X-ray luminous and massive galaxy cluster at $z \sim 1$. Astronomy and Astrophysics, 2011, 536, A26.	2.1	72
141	<i>Planck</i> early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. Astronomy and Astrophysics, 2011, 536, A15.	2.1	93
142	<i>Planck</i> early results. I. The <i>Planck</i> mission. Astronomy and Astrophysics, 2011, 536, A1.	2.1	394
143	<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
144	<i>Planck</i> pre-launch status: The HFI instrument, from specification to actual performance. Astronomy and Astrophysics, 2010, 520, A9.	2.1	184

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145	<i>Planck</i> pre-launch status: The <i>Planck</i> mission. <i>Astronomy and Astrophysics</i> , 2010, 520, A1.	2.1	268
146	<i>Planck</i> pre-launch status: HFI ground calibration. <i>Astronomy and Astrophysics</i> , 2010, 520, A10.	2.1	25
147	<i>Planck</i> pre-launch status: High Frequency Instrument polarization calibration. <i>Astronomy and Astrophysics</i> , 2010, 520, A13.	2.1	82
148	My Bolometer is Running a Fever, or Why Very Low Noise Performances Requires Global Design of the Apparatus. <i>Journal of Low Temperature Physics</i> , 2008, 151, 448-458.	0.6	2
149	Archeops in-flight performance, data processing, and map making. <i>Astronomy and Astrophysics</i> , 2007, 467, 1313-1344.	2.1	24
150	The OLIMPO experiment. <i>New Astronomy Reviews</i> , 2007, 51, 385-389.	5.2	16
151	A millisecond-risetime sub-millimeter light source for lab and in flight bolometer calibration. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 575, 412-420.	0.7	2
152	Cosmology with wide-field SZ cluster surveys: selection and systematic effects. <i>Astronomy and Astrophysics</i> , 2007, 465, 57-65.	2.1	8
153	Prospects for dark energy evolution: a frequentist multi-probe approach. <i>Astronomy and Astrophysics</i> , 2006, 448, 831-842.	2.1	14
154	Sunyaev-Zel'dovich cluster reconstruction in multiband bolometer camera surveys. <i>Astronomy and Astrophysics</i> , 2006, 455, 741-755.	2.1	24
155	The CMB temperature power spectrum from an improved analysis of the Archeops data. <i>Astronomy and Astrophysics</i> , 2005, 436, 785-797.	2.1	43
156	Temperature and polarization angular power spectra of Galactic dust radiation at 353 GHz as measured by Archeops. <i>Astronomy and Astrophysics</i> , 2005, 444, 327-336.	2.1	51
157	Mirage: A new iterative map-making code for CMB experiments. <i>Astronomy and Astrophysics</i> , 2005, 436, 729-739.	2.1	15
158	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
159	The Planck High Frequency Instrument, a third generation CMB experiment, and a full sky submillimeter survey. <i>New Astronomy Reviews</i> , 2003, 47, 1017-1024.	5.2	73
160	A fast star sensor for balloon payloads. <i>Review of Scientific Instruments</i> , 2003, 74, 4169-4175.	0.6	3
161	Cosmological constraints from Archeops. <i>Astronomy and Astrophysics</i> , 2003, 399, L25-L30.	2.1	188
162	The cosmic microwave background anisotropy power spectrum measured by Archeops. <i>Astronomy and Astrophysics</i> , 2003, 399, L19-L23.	2.1	170

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163	Archeops: a high resolution, large sky coverage balloon experiment for mapping cosmic microwave background anisotropies. <i>Astroparticle Physics</i> , 2002, 17, 101-124.	1.9	56
164	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
165	Background discrimination capabilities of a heat and ionization germanium cryogenic detector. <i>Astroparticle Physics</i> , 2001, 14, 329-337.	1.9	28
166	Status of the EDELWEISS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 444, 319-322.	0.7	4
167	Status of the EDELWEISS experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000, 87, 74-76.	0.5	2
168	Low noise cryogenic electronics: preamplifier configurations with feedback on the bolometer. <i>IEEE Transactions on Nuclear Science</i> , 2000, 47, 428-437.	1.2	5
169	Status of the EDELWEISS experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999, 70, 69-73.	0.5	6
170	<title>Readout configurations for low-temperature resistive bolometers</title>. , 1999, , .		0
171	Status of the EDELWEISS experiment. <i>Physics Reports</i> , 1998, 307, 297-300.	10.3	11
172	Study of ionization particle detectors at milliKelvin temperatures. <i>European Physical Journal D</i> , 1996, 46, 2903-2904.	0.4	1
173	First results of the EDELWEISS experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1996, 48, 77-79.	0.5	1
174	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
175	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
176	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
177	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
178	A solid ionization chamber operated at 20 mK. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 370, 213-214.	0.7	6
179	Dark matter search with a low temperature sapphire bolometer. <i>Astroparticle Physics</i> , 1996, 6, 35-43.	1.9	41
180	Calibration of a Ge crystal with nuclear recoils for the development of a dark matter detector. <i>Astroparticle Physics</i> , 1995, 3, 361-366.	1.9	42

#	ARTICLE	IF	CITATIONS
181	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
182	Measurement of electron-phonon decoupling time in neutron-transmutation doped germanium at 20 mK. Journal of Low Temperature Physics, 1993, 93, 289-294.	0.6	18
183	Bolometer's development, with simultaneous measurement of heat and ionisation signals, at Saclay. Journal of Low Temperature Physics, 1993, 93, 405-410.	0.6	2
184	Low noise front end electronics for dilution refrigerator experiments. Journal of Low Temperature Physics, 1993, 93, 755-760.	0.6	3
185	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
186	Measurement of ionization and phonon production by nuclear recoils in a 60 g crystal of germanium at 25 mK. Physical Review Letters, 1992, 69, 3425-3427.	2.9	98
187	Simultaneous measurement of thermal and ionization signals in a 60 g cryogenic germanium detector. IEEE Transactions on Nuclear Science, 1992, 39, 1237-1241.	1.2	0
188	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
189	Searching for the cosmion by scattering in Si detectors. Physical Review Letters, 1990, 65, 1305-1308.	2.9	86
190	Simultaneous measurement of thermal and ionization signals in a 60 g cryogenic germanium detector. , 0, , .		0
191	High Stability Measurement System for the Olimpo IR Calibration Source. , 0, , .		0