

Patricio Vielva

List of Publications by Year in descending order

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251
papers

53,223
citations

2311

98
h-index

1185

228
g-index

251
all docs

251
docs citations

251
times ranked

21138
citing authors

#	ARTICLE	IF	CITATIONS
1	In-flight polarization angle calibration for LiteBIRD: blind challenge and cosmological implications. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 039.	1.9	9
2	Cosmic Birefringence from the <i>Planck</i> Data Release 4. <i>Physical Review Letters</i> , 2022, 128, 091302.	2.9	54
3	Determination of polarization angles in CMB experiments and application to CMB component separation analyses. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 032.	1.9	5
4	Polarization angle requirements for CMB B-mode experiments. Application to the LiteBIRD satellite. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 029.	1.9	3
5	Detection of spectral variations of Anomalous Microwave Emission with QUIJOTE and C-BASS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2927-2943.	1.6	17
6	Characterization of extragalactic point-sources on E- and B-mode maps of the CMB polarization. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 048.	1.9	3
7	L2-CalSat: A Calibration Satellite for Ultra-Sensitive CMB Polarization Space Missions. <i>Sensors</i> , 2021, 21, 3361.	2.1	11
8	ECLIPSE: a fast Quadratic Maximum Likelihood estimator for CMB intensity and polarization power spectra. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 034.	1.9	5
9	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2021, 652, C4.	2.1	627
10	The miniJPAS survey: A preview of the Universe in 56 colors. <i>Astronomy and Astrophysics</i> , 2021, 653, A31.	2.1	54
11	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A6.	2.1	6,722
12	On the detection of CMB B-modes from ground at low frequency. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 006-006.	1.9	8
13	Updated Design of the CMB Polarization Experiment Satellite LiteBIRD. <i>Journal of Low Temperature Physics</i> , 2020, 199, 1107-1117.	0.6	64
14	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A11.	2.1	118
15	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A3.	2.1	158
16	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A2.	2.1	72
17	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A1.	2.1	804
18	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A4.	2.1	218

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19	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A12.	2.1	105
20	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A8.	2.1	400
21	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A10.	2.1	1,261
22	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A7.	2.1	172
23	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A9.	2.1	319
24	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A5.	2.1	558
25	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 644, A99.	2.1	4
26	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 644, A100.	2.1	20
27	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 643, A42.	2.1	123
28	Comparison of delensing methodologies and assessment of the delensing capabilities of future experiments. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 058-058.	1.9	13
29	Overview of the medium and high frequency telescopes of the LiteBIRD space mission. , 2020, , .		3
30	LiteBIRD satellite: JAXA's new strategic L-class mission for all-sky surveys of cosmic microwave background polarization. , 2020, , .		79
31	Exploring cosmic origins with CORE: Survey requirements and mission design. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 014-014.	1.9	98
32	Exploring cosmic origins with CORE: The instrument. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 015-015.	1.9	25
33	Exploring cosmic origins with CORE: Inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 016-016.	1.9	75
34	Exploring cosmic origins with CORE: Cosmological parameters. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 017-017.	1.9	73
35	Exploring cosmic origins with CORE: Gravitational lensing of the CMB. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 018-018.	1.9	29
36	Exploring cosmic origins with CORE: Cluster science. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 019-019.	1.9	17

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37	Exploring cosmic origins with CORE: Extragalactic sources in cosmic microwave background maps. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 020-020.	1.9	20
38	Exploring cosmic origins with CORE: Effects of observer peculiar motion. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 021-021.	1.9	18
39	Exploring cosmic origins with CORE: Mitigation of systematic effects. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 022-022.	1.9	14
40	Exploring cosmic origins with CORE: <i>B</i> -mode component separation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 023-023.	1.9	44
41	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2018, 619, A94.	2.1	18
42	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2018, 617, A48.	2.1	22
43	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2018, 610, C1.	2.1	5
44	Multiscale analysis of the CMB temperature derivatives. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 026-026.	1.9	4
45	On the regularity of the covariance matrix of a discretized scalar field on the sphere. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 022-022.	1.9	3
46	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2017, 599, A51.	2.1	46
47	Local properties of the large-scale peaks of the CMB temperature. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 023-023.	1.9	3
48	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2017, 607, A95.	2.1	131
49	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2017, 607, A122.	2.1	24
50	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A140.	2.1	89
51	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A134.	2.1	48
52	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A28.	2.1	134
53	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A7.	2.1	94
54	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A10.	2.1	384

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55	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A23.	2.1	89
56	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A12.	2.1	117
57	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A24.	2.1	525
58	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A132.	2.1	109
59	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A6.	2.1	62
60	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A2.	2.1	79
61	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A8.	2.1	209
62	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A9.	2.1	182
63	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A141.	2.1	55
64	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A100.	2.1	44
65	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A5.	2.1	55
66	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A4.	2.1	56
67	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A18.	2.1	69
68	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A21.	2.1	114
69	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A3.	2.1	53
70	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A19.	2.1	273
71	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A16.	2.1	338
72	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A20.	2.1	1,233

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73	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A101.	2.1	24
74	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A105.	2.1	47
75	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A27.	2.1	535
76	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A138.	2.1	270
77	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A1.	2.1	738
78	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A108.	2.1	375
79	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A14.	2.1	568
80	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A15.	2.1	360
81	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A25.	2.1	153
82	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A103.	2.1	89
83	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A133.	2.1	173
84	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A137.	2.1	27
85	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A109.	2.1	185
86	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A13.	2.1	8,344
87	Recent results and perspectives on cosmology and fundamental physics from microwave surveys. International Journal of Modern Physics D, 2016, 25, 1630016.	0.9	0
88	Exploring two-spin internal linear combinations for the recovery of the CMB polarization. Monthly Notices of the Royal Astronomical Society, 2016, 459, 441-454.	1.6	10
89	On the recovery of ISW fluctuations using large-scale structure tracers and CMB temperature and polarization anisotropies. Monthly Notices of the Royal Astronomical Society, 2016, 459, 657-672.	1.6	5
90	On the void explanation of the Cold Spot. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 460, L15-L19.	1.2	13

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91	The shape of CMB temperature and polarization peaks on the sphere. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 058-058.	1.9	11
92	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A22.	2.1	274
93	Planck intermediate results. Astronomy and Astrophysics, 2016, 596, A106.	2.1	23
94	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A102.	2.1	25
95	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A104.	2.1	36
96	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A110.	2.1	64
97	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A135.	2.1	109
98	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A136.	2.1	72
99	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A26.	2.1	182
100	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A107.	2.1	359
101	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A139.	2.1	32
102	Joint constraints on galaxy bias and δ through the N-pdf of the galaxy number density. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 005-005.	1.9	7
103	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A17.	2.1	440
104	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A11.	2.1	613
105	QUIJOTE scientific results â€” I. Measurements of the intensity and polarisation of the anomalous microwave emission in the Perseus molecular complex. Monthly Notices of the Royal Astronomical Society, 2015, 452, 4169-4182.	1.6	58
106	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 580, A22.	2.1	80
107	<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
108	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A30.	2.1	72

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109	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A31.	2.1	59
110	<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
111	<i>Planck</i> intermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. Astronomy and Astrophysics, 2015, 576, A104.	2.1	296
112	<i>Planck</i> intermediate results. XX. Comparison of polarized thermal emission from Galactic dust with simulations of MHD turbulence. Astronomy and Astrophysics, 2015, 576, A105.	2.1	119
113	<i>Planck</i> intermediate results. XXI. Comparison of polarized thermal emission from Galactic dust at 353 GHz with interstellar polarization in the visible. Astronomy and Astrophysics, 2015, 576, A106.	2.1	68
114	<i>Planck</i> intermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. Astronomy and Astrophysics, 2015, 573, A6.	2.1	13
115	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 580, A13.	2.1	37
116	<i>Planck</i> intermediate results. XXII. Frequency dependence of thermal emission from Galactic dust in intensity and polarization. Astronomy and Astrophysics, 2015, 576, A107.	2.1	2015
117	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A28.	2.1	33
118	Joint Analysis of BICEP2/Keck Array and <i>Planck</i> Data. Physical Review Letters, 2015, 114, 101301.	2.9	819
119	<i>Planck</i> 2013 results. XIV. Zodiacal emission. Astronomy and Astrophysics, 2014, 571, A14.	2.1	90
120	<i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A6.	2.1	103
121	<i>Planck</i> 2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. Astronomy and Astrophysics, 2014, 571, A10.	2.1	68
122	<i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. Astronomy and Astrophysics, 2014, 571, A31.	2.1	69
123	<i>Planck</i> 2013 results. V. LFI calibration. Astronomy and Astrophysics, 2014, 571, A5.	2.1	67
124	<i>Planck</i> 2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. Astronomy and Astrophysics, 2014, 571, A27.	2.1	170
125	<i>Planck</i> intermediate results. XV. A study of anomalous microwave emission in Galactic clouds. Astronomy and Astrophysics, 2014, 565, A103.	2.1	67
126	<i>Planck</i> 2013 results. III. LFI systematic uncertainties. Astronomy and Astrophysics, 2014, 571, A3.	2.1	54

#	ARTICLE	IF	CITATIONS
127	<i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.	2.1	216
128	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A54.	2.1	80
129	<i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.	2.1	144
130	<i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A11.	2.1	566
131	PRISM (Polarized Radiation Imaging and Spectroscopy Mission): an extended white paper. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 006-006.	1.9	138
132	The Jubilee ISW project â€“ I. Simulated ISW and weak lensing maps and initial power spectra results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 412-425.	1.6	28
133	Searching for a dipole modulation in the large-scale structure of the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2392-2397.	1.6	32
134	<i>Planck</i> 2013 results. I. Overview of products and scientific results. <i>Astronomy and Astrophysics</i> , 2014, 571, A1.	2.1	948
135	<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
136	<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
137	<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
138	Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.	2.1	134
139	<i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.	2.1	364
140	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaevâ€“Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014, 571, A20.	2.1	465
141	<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
142	<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
143	<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
144	<i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. <i>Astronomy and Astrophysics</i> , 2014, 571, A19.	2.1	126

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145	<i>Planck</i> 2013 results. IX. HFI spectral response. <i>Astronomy and Astrophysics</i> , 2014, 571, A9.	2.1	129
146	<i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. <i>Astronomy and Astrophysics</i> , 2014, 571, A23.	2.1	367
147	<i>Planck</i> 2013 results. VII. HFI time response and beams. <i>Astronomy and Astrophysics</i> , 2014, 571, A7.	2.1	99
148	<i>Planck</i> 2013 results. VIII. HFI photometric calibration and mapmaking. <i>Astronomy and Astrophysics</i> , 2014, 571, A8.	2.1	107
149	<i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. <i>Astronomy and Astrophysics</i> , 2014, 571, A18.	2.1	116
150	<i>Planck</i> 2013 results. IV. Low Frequency Instrument beams and window functions. <i>Astronomy and Astrophysics</i> , 2014, 571, A4.	2.1	41
151	<i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. <i>Astronomy and Astrophysics</i> , 2014, 571, A26.	2.1	91
152	<i>Planck</i> 2013 results. II. Low Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A2.	2.1	74
153	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 561, A97.	2.1	80
154	Statistical analyses of galaxy-surveys to probe the standard cosmological model. , 2014, , .		0
155	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. <i>Astronomy and Astrophysics</i> , 2014, 571, A17.	2.1	272
156	<i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. <i>Astronomy and Astrophysics</i> , 2014, 571, A24.	2.1	350
157	<i>Planck</i> 2013 results. XXII. Constraints on inflation. <i>Astronomy and Astrophysics</i> , 2014, 571, A22.	2.1	806
158	<i>Planck</i> 2013 results. XVI. Cosmological parameters. <i>Astronomy and Astrophysics</i> , 2014, 571, A16.	2.1	4,703
159	Integrated Sachs-Wolfe effect map recovery from NVSS and WMAP 7-yr data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 259-263.	1.6	11
160	Using CMB polarization to constrain the anomalous nature of the Cold Spot with an incomplete-sky coverage. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 3096-3102.	1.6	4
161	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 557, A52.	2.1	141
162	<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

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163	<i>Planck</i> intermediate results (Corrigendum). Astronomy and Astrophysics, 2013, 558, C2.	2.1	4
164	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A140.	2.1	101
165	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A128.	2.1	20
166	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A130.	2.1	36
167	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A131.	2.1	276
168	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A139.	2.1	106
169	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A129.	2.1	63
170	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A132.	2.1	15
171	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A133.	2.1	52
172	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A134.	2.1	94
173	The status of the QUIJOTE multi-frequency instrument. Proceedings of SPIE, 2012, , .	0.8	15
174	The QUIJOTE-CMB experiment: studying the polarisation of the galactic and cosmological microwave emissions. Proceedings of SPIE, 2012, , .	0.8	44
175	An optimal estimator for the CMB-LSS angular power spectrum and its application to WMAP and NVSS data. Monthly Notices of the Royal Astronomical Society, 2012, 427, 3044-3054.	1.6	21
176	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2012, 543, A102.	2.1	50
177	Multiresolution internal template cleaning: an application to the Wilkinson Microwave Anisotropy Probe 7-yr polarization data. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2162-2169.	1.6	65
178	Biparametric adaptive filter: detection of compact sources in complex microwave backgrounds. Monthly Notices of the Royal Astronomical Society, 2012, 421, 2139-2154.	1.6	4
179	<i>Planck</i> early results. XXI. Properties of the interstellar medium in the Galactic plane. Astronomy and Astrophysics, 2011, 536, A21.	2.1	119
180	<i>Planck</i> early results. XVIII. The power spectrum of cosmic infrared background anisotropies. Astronomy and Astrophysics, 2011, 536, A18.	2.1	180

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181	<i>Planck</i> early results. XIII. Statistical properties of extragalactic radio sources in the <i>Planck</i> Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2011, 536, A13.	2.1	103
182	<i>Planck</i> early results. XVII. Origin of the submillimetre excess dust emission in the Magellanic Clouds. <i>Astronomy and Astrophysics</i> , 2011, 536, A17.	2.1	123
183	<i>Planck</i> early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A12.	2.1	100
184	<i>Planck</i> early results. II. The thermal performance of <i>Planck</i>. <i>Astronomy and Astrophysics</i> , 2011, 536, A2.	2.1	91
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