William C Jones

List of Publications by Year
in descending order

223 papers	52,087 citations	2427 97 h-index	1857 209 g-index
224 all docs	224 docs citations	224 times ranked	21157 citing authors

#	Article	IF	Citations
1	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. Astrophysical Journal, 2022, 926, 54.	4.5	79
2	A Constraint on Primordial B-modes from the First Flight of the Spider Balloon-borne Telescope. Astrophysical Journal, 2022, 927, 174.	4.5	24
3	Planck 2018 results. Astronomy and Astrophysics, 2021, 652, C4.	5.1	627
4	The XFaster Power Spectrum and Likelihood Estimator for the Analysis of Cosmic Microwave Background Maps. Astrophysical Journal, 2021, 922, 132.	4.5	2
5	Download by parachute: retrieval of assets from high altitude balloons. Journal of Instrumentation, 2020, 15, P05014-P05014.	1.2	2
6	Planck2018 results. Astronomy and Astrophysics, 2020, 641, A6.	5.1	6,722
7	Robust diffraction-limited near-infrared-to-near-ultraviolet wide-field imaging from stratospheric balloon-borne platformsâ€"Super-pressure Balloon-borne Imaging Telescope performance. Review of Scientific Instruments, 2020, 91, 034501.	1.3	6
8	Particle Response of Antenna-Coupled TES Arrays: Results from SPIDERÂand the Laboratory. Journal of Low Temperature Physics, 2020, 199, 1127-1136.	1.4	2
9	Planck2018 results. Astronomy and Astrophysics, 2020, 641, A11.	5.1	118
10	Planck 2018 results. Astronomy and Astrophysics, 2020, 641, A3.	5.1	158
11	Planck2018 results. Astronomy and Astrophysics, 2020, 641, A2.	5.1	72
12	Planck2018 results. Astronomy and Astrophysics, 2020, 641, A1.	5.1	804
13	Planck2018 results. Astronomy and Astrophysics, 2020, 641, A12.	5.1	105
14	Planck2018 results. Astronomy and Astrophysics, 2020, 641, A8.	5.1	400
15	Planck2018 results. Astronomy and Astrophysics, 2020, 641, A10.	5.1	1,261
16	Planck2018 results. Astronomy and Astrophysics, 2020, 641, A7.	5.1	172
17	Planck2018 results. Astronomy and Astrophysics, 2020, 641, A9.	5.1	319
18	Planck 2018 results. Astronomy and Astrophysics, 2020, 641, A5.	5.1	558

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19	Planck intermediate results. Astronomy and Astrophysics, 2020, 644, A99.	5.1	4
20	Planck intermediate results. Astronomy and Astrophysics, 2020, 644, A100.	5.1	20
21	Planck intermediate results. Astronomy and Astrophysics, 2020, 643, A42.	5.1	123
22	Optical Night Sky Brightness Measurements from the Stratosphere. Astronomical Journal, 2020, 160, 266.	4.7	5
23	Design and pre-flight performance of SPIDER 280 GHz receivers. , 2020, , .		3
24	Characterization of the in-flight properties of the Planck telescope. Astronomy and Astrophysics, 2019, 622, A55.	5.1	4
25	SPIDER: CMB Polarimetry from the Edge of Space. Journal of Low Temperature Physics, 2018, 193, 1112-1121.	1.4	35
26	Planck intermediate results. Astronomy and Astrophysics, 2018, 619, A94.	5.1	18
27	280 GHz Focal Plane Unit Design and Characterization for the Spider-2 Suborbital Polarimeter. Journal of Low Temperature Physics, 2018, 193, 1075-1084.	1.4	9
28	Overview, design, and flight results from SuperBIT: a high-resolution, wide-field, visible-to-near-UV balloon-borne astronomical telescope. , 2018, , .		6
29	Optical design of PICO: a concept for a space mission to probe inflation and cosmic origins. , 2018, , .		9
30	PICO - the probe of inflation and cosmic origins. , 2018, , .		17
31	Auto-tuned thermal control on stratospheric balloon experiments. , 2018, , .		4
32	Planck intermediate results. Astronomy and Astrophysics, 2017, 599, A51.	5.1	46
33	A New Limit on CMB Circular Polarization from SPIDER. Astrophysical Journal, 2017, 844, 151.	4.5	40
34	Planck intermediate results. Astronomy and Astrophysics, 2017, 607, A95.	5.1	131
35	Planckintermediate results. Astronomy and Astrophysics, 2017, 607, A122.	5.1	24
36	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A140.	5.1	89

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37	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A28.	5.1	134
38	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A7.	5.1	94
39	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A10.	5.1	384
40	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A23.	5.1	89
41	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A12.	5.1	117
42	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A24.	5.1	525
43	A cryogenic rotation stage with a large clear aperture for the half-wave plates in the Spider instrument. Review of Scientific Instruments, 2016, 87, 014501.	1.3	16
44	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A132.	5.1	109
45	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A8.	5.1	209
46	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A9.	5.1	182
47	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A141.	5.1	55
48	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A18.	5.1	69
49	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A21.	5.1	114
50	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A19.	5.1	273
51	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A16.	5.1	338
52	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A20.	5.1	1,233
53	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A101.	5.1	24
54	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A105.	5.1	47

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55	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A27.	5.1	535
56	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A138.	5.1	270
57	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A1.	5.1	738
58	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A108.	5.1	375
59	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A14.	5.1	568
60	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A15.	5.1	360
61	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A25.	5.1	153
62	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A103.	5.1	89
63	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A133.	5.1	173
64	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A109.	5.1	185
65	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A13.	5.1	8,344
66	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A22.	5.1	274
67	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A102.	5.1	25
68	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A104.	5.1	36
69	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A110.	5.1	64
70	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A136.	5.1	72
71	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A26.	5.1	182
72	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A107.	5.1	359

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73	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A17.	5.1	440
74	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A11.	5.1	613
75	Design of 280 GHz feedhorn-coupled TES arrays for the balloon-borne polarimeter SPIDER. Proceedings of SPIE, 2016, , .	0.8	9
76	ANTENNA-COUPLED TES BOLOMETERS USED IN BICEP2,Keck Array, AND SPIDER. Astrophysical Journal, 2015, 812, 176.	4.5	53
77	Planckintermediate results. Astronomy and Astrophysics, 2015, 580, A22.	5.1	80
78	Planckintermediate results. XXVI. Optical identification and redshifts ofPlanckclusters with the RTT150 telescope. Astronomy and Astrophysics, 2015, 582, A29.	5.1	46
79	Planckintermediate results. Astronomy and Astrophysics, 2015, 582, A31.	5.1	59
80	Planck2013 results. XXXII. The updatedPlanckcatalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2015, 581, A14.	5.1	80
81	Planckintermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. Astronomy and Astrophysics, 2015, 576, A104.	5.1	296
82	Planckintermediate results. XX. Comparison of polarized thermal emission from Galactic dust with simulations of MHD turbulence. Astronomy and Astrophysics, 2015, 576, A105.	5.1	119
83	Planckintermediate 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.	5.1	68
84	Planckintermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. Astronomy and Astrophysics, 2015, 573, A6.	5.1	13
85	Planckintermediate results. Astronomy and Astrophysics, 2015, 580, A13.	5.1	37
86	Planckintermediate results. XXII. Frequency dependence of thermalâ€‰emissionâ€‰fromâ€‰Galacticâ€‰dustâ€‰inâ€‰intensity and polarization. Astronomy and Astrophysics, 2015, 576, A107.	5.1	215
87	Planckintermediate results. Astronomy and Astrophysics, 2015, 582, A28.	5.1	33
88	Joint Analysis of BICEP2/Keck ArrayandPlanckData. Physical Review Letters, 2015, 114, 101301.	7.8	819
89	The thermal design, characterization, and performance of the S pider long-duration balloon cryostat. Cryogenics, 2015, 72, 65-76.	1.7	14
90	Inflation physics from the cosmic microwave background and large scale structure. Astroparticle Physics, 2015, 63, 55-65.	4.3	90

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91	Neutrino physics from the cosmic microwave background and large scale structure. Astroparticle Physics, 2015, 63, 66-80.	4.3	218
92	Planck2013 results. XIV. Zodiacal emission. Astronomy and Astrophysics, 2014, 571, A14.	5.1	90
93	Planck2013 results. VI. High Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A6.	5.1	103
94	Planck2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. Astronomy and Astrophysics, 2014, 571, A10.	5.1	68
95	Planck2013 results. XXXI. Consistency of thePlanckdata. Astronomy and Astrophysics, 2014, 571, A31.	5.1	69
96	Planck2013 results. V. LFI calibration. Astronomy and Astrophysics, 2014, 571, A5.	5.1	67
97	Planck2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. Astronomy and Astrophysics, 2014, 571, A27.	5.1	170
98	Planckintermediate results. XV. A study of anomalous microwave emission in Galactic clouds. Astronomy and Astrophysics, 2014, 565, A103.	5.1	67
99	Planck2013 results. III. LFI systematic uncertainties. Astronomy and Astrophysics, 2014, 571, A3.	5.1	54
100	Planck2013 results. XII. Diffuse component separation. Astronomy and Astrophysics, 2014, 571, A12.	5.1	216
101	Planckintermediate results. Astronomy and Astrophysics, 2014, 566, A54.	5.1	80
102	Planck2013 results. XIII. Galactic CO emission. Astronomy and Astrophysics, 2014, 571, A13.	5.1	144
103	Planck2013 results. XI. All-sky model of thermal dust emission. Astronomy and Astrophysics, 2014, 571, A11.	5.1	566
104	Pointing control for the SPIDER balloon-borne telescope. Proceedings of SPIE, 2014, , .	0.8	7
105	Pre-flight integration and characterization of the SPIDER balloon-borne telescope. Proceedings of SPIE, 2014, , .	0.8	19
106	Design and construction of a carbon fiber gondola for the SPIDER balloon-borne telescope. Proceedings of SPIE, 2014, , .	0.8	4
107	BLASTbus electronics: general-purpose readout and control for balloon-borne experiments. Proceedings of SPIE, 2014, , .	0.8	3
108	Self-calibration of BICEP1 three-year data and constraints on astrophysical polarization rotation. Physical Review D, 2014, 89, .	4.7	53

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109	DEGREE-SCALE COSMIC MICROWAVE BACKGROUND POLARIZATION MEASUREMENTS FROM THREE YEARS OF BICEP1 DATA. Astrophysical Journal, 2014, 783, 67.	4.5	51
110	Attitude determination for balloon-borne experiments. Proceedings of SPIE, 2014, , .	0.8	5
111	Characterization and Physical Explanation of Energetic Particles on Planck HFI Instrument. Journal of Low Temperature Physics, 2014, 176, 773-786.	1.4	13
112	Planck2013 results. I. Overview of products and scientific results. Astronomy and Astrophysics, 2014, 571, A1.	5.1	948
113	Planck2013 results. XXX. Cosmic infrared background measurements and implications for star formation. Astronomy and Astrophysics, 2014, 571, A30.	5.1	210
114	Planck2013 results. XXV. Searches for cosmic strings and other topological defects. Astronomy and Astrophysics, 2014, 571, A25.	5.1	223
115	Planckintermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. Astronomy and Astrophysics, 2014, 564, A45.	5.1	55
116	Planck intermediate results. Astronomy and Astrophysics, 2014, 566, A55.	5.1	134
117	Impact of particles on thePlanckHFI detectors: Ground-based measurements and physical interpretation. Astronomy and Astrophysics, 2014, 569, A88.	5.1	19
118	Planck2013 results. XV. CMB power spectra and likelihood. Astronomy and Astrophysics, 2014, 571, A15.	5.1	364
119	Planck2013 results. XX. Cosmology from Sunyaevâ€“Zeldovich cluster counts. Astronomy and Astrophysics, 2014, 571, A20.	5.1	465
120	Planck2013 results. XXI. Power spectrum and high-order statistics of thePlanckall-sky Compton parameter map. Astronomy and Astrophysics, 2014, 571, A21.	5.1	133
121	Planck2013 results. XXIX. ThePlanckcatalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2014, 571, A29.	5.1	380
122	Planck2013 results. XXVIII. ThePlanckCatalogue of Compact Sources. Astronomy and Astrophysics, 2014, 571, A28.	5.1	162
123	Planck2013 results. XIX. The integrated Sachs-Wolfe effect. Astronomy and Astrophysics, 2014, 571, A19.	5.1	126
124	Planck2013 results. IX. HFI spectral response. Astronomy and Astrophysics, 2014, 571, A9.	5.1	129
125	Planck2013 results. XXIII. Isotropy and statistics of the CMB. Astronomy and Astrophysics, 2014, 571, A23.	5.1	367
126	Planck2013 results. VII. HFI time response and beams. Astronomy and Astrophysics, 2014, 571, A7.	5.1	99

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127	Planck2013 results. VIII. HFI photometric calibration and mapmaking. Astronomy and Astrophysics, 2014, 571, A8.	5.1	107
128	Planck2013 results. XVIII. The gravitational lensing-infrared background correlation. Astronomy and Astrophysics, 2014, 571, A18.	5.1	116
129	Planck2013 results. IV. Low Frequency Instrument beams and window functions. Astronomy and Astrophysics, 2014, 571, A4.	5.1	41
130	Planck2013 results. XXVI. Background geometry and topology of the Universe. Astronomy and Astrophysics, 2014, 571, A26.	5.1	91
131	Planck2013 results. II. Low Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A2.	5.1	74
132	Planckintermediate results. Astronomy and Astrophysics, 2014, 561, A97.	5.1	80
133	Planck2013 results. XVII. Gravitational lensing by large-scale structure. Astronomy and Astrophysics, 2014, 571, A17.	5.1	272
134	Planck2013 results. XXIV. Constraints on primordial non-Gaussianity. Astronomy and Astrophysics, 2014, 571, A24.	5.1	350
135	Planck2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	5.1	806
136	Planck2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	5.1	4,703
137	SPIDER: probing the early Universe with a suborbital polarimeter. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 047-047.	5.4	63
138	SCIENTIFIC VERIFICATION OF FARADAY ROTATION MODULATORS: DETECTION OF DIFFUSE POLARIZED GALACTIC EMISSION. Astrophysical Journal, 2013, 765, 64.	4.5	14
139	Planckintermediate results. Astronomy and Astrophysics, 2013, 557, A52.	5.1	141
140	Planckintermediate results. Astronomy and Astrophysics, 2013, 554, A140.	5.1	101
141	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A130.	5.1	36
142	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A131.	5.1	276
143	Planckintermediate results. Astronomy and Astrophysics, 2013, 554, A139.	5.1	106
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146	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A134.	5.1	94
147	Precision CMB Measurements from Long Duration Stratospheric Balloons: Towards B-modes and Inflation. Proceedings of the International Astronomical Union, 2012, 8, 53-60.	0.0	0
148	Characterization and Fabrication of the TES Arrays for the Spider, Keck and BICEP2 CMB Polarimeters. Journal of Low Temperature Physics, 2012, 167, 146-151.	1.4	2
149	A Novel Superconducting Detector Based on Fluxoid Quantization. Journal of Low Temperature Physics, 2012, 167, 461-466.	1.4	0
150	Transition Edge Sensor Focal Plane Arrays for the BICEP2, Keck, and Spider CMB Polarimeters. IEEE Transactions on Applied Superconductivity, 2011, 21, 219-222.	1.7	5
151	Planckearly results. XXI. Properties of the interstellar medium in the Galactic plane. Astronomy and Astrophysics, 2011, 536, A21.	5.1	119
152	Planckearly results. XVIII. The power spectrum of cosmic infrared background anisotropies. Astronomy and Astrophysics, 2011, 536, A18.	5.1	180
153	Planckearly results. XVII. Origin of the submillimetre excess dust emission in the Magellanic Clouds. Astronomy and Astrophysics, 2011, 536, A17.	5.1	123
154	Planckearly results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. Astronomy and Astrophysics, 2011, 536, A12.	5.1	100
155	Planckearly results. II. The thermal performance ofPlanck. Astronomy and Astrophysics, 2011, 536, A2.	5.1	91
156	Planckearly results. XX. New light on anomalous microwave emission from spinning dust grains. Astronomy and Astrophysics, 2011, 536, A20.	5.1	155
157	Planckearly results. XXV. Thermal dust in nearby molecular clouds. Astronomy and Astrophysics, 2011, 536, A25.	5.1	184
158	Planckearly results. XXII. The submillimetre properties of a sample of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A22.	5.1	88
159	Planckearly results. VI. The High Frequency Instrument data processing. Astronomy and Astrophysics, 2011, 536, A6.	5.1	116
160	Planckearly results. XXIII. The first all-sky survey of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A23.	5.1	152
161	Planckearly results. XVI. ThePlanckview of nearby galaxies. Astronomy and Astrophysics, 2011, 536, A16.	5.1	74
162	Planckearly results. VII. The Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A7.	5.1	224

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163	Planckearly results. XIX. All-sky temperature and dust optical depth fromPlanckand IRAS. Constraints on the â€œdark gasâ€•in our Galaxy. Astronomy and Astrophysics, 2011, 536, A19.	5.1	314
164	Planckearly results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo. Astronomy and Astrophysics, 2011, 536, A24.	5.1	179
165	Planckearly results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. Astronomy and Astrophysics, 2011, 536, A10.	5.1	124
166	Planckearly results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. Astronomy and Astrophysics, 2011, 536, A11.	5.1	174
167	Planckearly results. IV. First assessment of the High Frequency Instrument in-flight performance. Astronomy and Astrophysics, 2011, 536, A4.	5.1	136
168	Planckearly results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. Astronomy and Astrophysics, 2011, 536, A8.	5.1	335
169	Planckearly results. XXVI. Detection withPlanckand confirmation byXMM-Newtonof PLCKÂG266.6â€“27.3, an exceptionally X-ray luminous and massive galaxy cluster atzÂ~Â 1. Astronomy and Astrophysics, 2011, 536, A26.	5.1	72
170	Planckearly results. I. ThePlanckmission. Astronomy and Astrophysics, 2011, 536, A1.	5.1	394
171	SPIDER OPTIMIZATION. II. OPTICAL, MAGNETIC, AND FOREGROUND EFFECTS. Astrophysical Journal, 2011, 738, 63.	4.5	9
172	Modeling and characterization of the SPIDER half-wave plate. Proceedings of SPIE, 2010, , .	0.8	19
173	Design and performance of the SPIDER instrument. Proceedings of SPIE, 2010, , .	0.8	19
174	SPIDER: a balloon-borne CMB polarimeter for large angular scales. Proceedings of SPIE, 2010, , .	0.8	45
175	Thermal architecture for the SPIDER flight cryostat. , 2010, , .		3
176	Planckpre-launch status: The HFI instrument, from specification to actual performance. Astronomy and Astrophysics, 2010, 520, A9.	5.1	184
177	Planckpre-launch status: The optical architecture of the HFI. Astronomy and Astrophysics, 2010, 520, A11.	5.1	32
178	Planckpre-launch status: ThePlanckmission. Astronomy and Astrophysics, 2010, 520, A1.	5.1	268
179	PROPERTIES OF GALACTIC CIRRUS CLOUDS OBSERVED BY BOOMERANG. Astrophysical Journal, 2010, 713, 959-969.	4.5	58
180	BOOMERanG constraints on primordial non-Gaussianity from analytical Minkowski functionals. Monthly Notices of the Royal Astronomical Society, 2010, 408, 1658-1665.	4.4	20

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181	Planckpre-launch status: HFI ground calibration. Astronomy and Astrophysics, 2010, 520, A10.	5.1	25
182	Planckpre-launch status: High Frequency Instrument polarization calibration. Astronomy and Astrophysics, 2010, 520, A13.	5.1	82
183	Planckpre-launch status: HFI beam expectations from the optical optimisation of the focal plane. Astronomy and Astrophysics, 2010, 520, A12.	5.1	32
184	Absolute polarization angle calibration using polarized diffuse Galactic emission observed by BICEP. Proceedings of SPIE, 2010, , .	0.8	6
185	CHARACTERIZATION OF THE BICEP TELESCOPE FOR HIGH-PRECISION COSMIC MICROWAVE BACKGROUND POLARIMETRY. Astrophysical Journal, 2010, 711, 1141-1156.	4.5	62
186	MEASUREMENT OF COSMIC MICROWAVE BACKGROUND POLARIZATION POWER SPECTRA FROM TWO YEARS OF BICEP DATA. Astrophysical Journal, 2010, 711, 1123-1140.	4.5	194
187	Probing primordial non Gaussianity in the BOOMERanG CMB maps: an analysis based on analytical Minkowski functionals. Nuclear Physics, Section B, Proceedings Supplements, 2009, 194, 278-286.	0.4	2
188	Microfabrication and Device Parameter Testing of the Focal Plane Arrays for the Spider and BICEP2âˆ•Keck CMB Polarimeters. , 2009, , .		0
189	Antenna-coupled TES Arrays For The BICEP2âˆ•Keck and SPIDER polarimeters. , 2009, , .		4
190	SUBDEGREE SUNYAEV-ZEL'DOVICH SIGNAL FROM MULTIFREQUENCY BOOMERANG OBSERVATIONS. Astrophysical Journal, 2009, 702, L61-L65.	4.5	10
191	Thermal conductivity of thermally-isolating polymeric and composite structural support materials between 0.3 and 4K. Cryogenics, 2008, 48, 448-454.	1.7	32
192	Initial test results on bolometers for the Planck high frequency instrument. Applied Optics, 2008, 47, 5996.	2.1	33
193	CMB polarimetry with BICEP: instrument characterization, calibration, and performance. Proceedings of SPIE, 2008, , .	0.8	9
194	SpiderOptimization: Probing the Systematics of a Largeâ€ScaleBâ€Mode Experiment. Astrophysical Journal, 2008, 689, 655-665.	4.5	20
195	BICEP2/SPUD: searching for inflation with degree scale polarimetry from the South Pole. Proceedings of SPIE, 2008, , .	0.8	9
196	SPIDER: a balloon-borne large-scale CMB polarimeter. Proceedings of SPIE, 2008, , .	0.8	35
197	Searching for Non-Gaussian Signals in the BOOMERANG 2003 CMB Maps. Astrophysical Journal, 2007, 670, L73-L76.	4.5	18
198	Instrumental and analytic methods for bolometric polarimetry. Astronomy and Astrophysics, 2007, 470, 771-785.	5.1	29

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200	The millimeter sky as seen with BOOMERanG. New Astronomy Reviews, 2007, 51, 236-243.	12.8	1
201	Searching for non-Gaussian signals in the BOOMERanG 2003 CMB map: Preliminary results. New Astronomy Reviews, 2007, 51, 250-255.	12.8	3
202	Cosmological Parameters from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 799-812.	4.5	159
203	SPIDER: a new balloon-borne experiment to measure CMB polarization on large angular scales. , 2006, 6267, 239.		23
204	A Measurement of the Polarizationâ€Temperature Angular Crossâ€Power Spectrum of the Cosmic Microwave Background from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 833-839.	4.5	123
205	A Measurement of the CMB âŒ©EEâŒª Spectrum from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 813-822.	4.5	217
206	A Measurement of the Angular Power Spectrum of the CMB Temperature Anisotropy from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 823-832.	4.5	186
207	Antenna-coupled TES bolometers for the SPIDER experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 608-610.	1.6	3
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