Kevin Huffenberger

List of Publications by Year
in descending order

206 papers	41,476 citations	3159 92 h-index	2178 202 g-index
206 all docs	206 docs citations	206 times ranked	19454 citing authors

#	Article	IF	Citations
1	Galactic Foreground Constraints on Primordial B-mode Detection for Ground-based Experiments. Astrophysical Journal, 2022, 924, 11.	4.5	2
2	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. Astrophysical Journal, 2022, 926, 54.	4.5	79
3	Full-sky, Arcminute-scale, 3D Models of Galactic Microwave Foreground Dust Emission Based on Filaments. Astrophysical Journal, 2022, 928, 65.	4.5	10
4	The Simons Observatory: Galactic Science Goals and Forecasts. Astrophysical Journal, 2022, 929, 166.	4.5	10
5	The Atacama Cosmology Telescope: SZ-based masses and dust emission from IR-selected cluster candidates in the SHELA survey. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4026-4038.	4.4	3
6	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaevâ€“Zelâ€™dovich Galaxy Clusters. Astrophysical Journal, Supplement Series, 2021, 253, 3.	7.7	118
7	Atacama Cosmology Telescope: Modeling the gas thermodynamics in BOSS CMASS galaxies from kinematic and thermal Sunyaev-Zelâ€™dovich measurements. Physical Review D, 2021, 103, .	4.7	60
8	Atacama Cosmology Telescope: Combined kinematic and thermal Sunyaev-Zelâ€™dovich measurements from BOSS CMASS and LOWZ halos. Physical Review D, 2021, 103, .	4.7	76
9	MERGHERS pilot: MeerKAT discovery of diffuse emission in nine massive Sunyaevâ€“Zelâ€™dovich-selected galaxy clusters from ACT. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1749-1758.	4.4	9
10	The Atacama Cosmology Telescope: Detection of Millimeter-wave Transient Sources. Astrophysical Journal, 2021, 915, 14.	4.5	15
11	The Atacama Cosmology Telescope: Summary of DR4 and DR5 Data Products and Data Access. Astrophysical Journal, Supplement Series, 2021, 255, 11.	7.7	19
12	Observations of compact sources in galaxy clusters using MUSTANG2. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2600-2612.	4.4	3
13	Atacama Cosmology Telescope measurements of a large sample of candidates from the Massive and Distant Clusters of WISE Survey. Astronomy and Astrophysics, 2021, 653, A135.	5.1	8
14	Cooling Improves Cosmic Microwave Background Map-making when Low-frequency Noise is Large. Astrophysical Journal, 2021, 922, 97.	4.5	1
15	The Atacama Cosmology Telescope: A Search for Planet 9. Astrophysical Journal, 2021, 923, 224.	4.5	10
16	Atacama Cosmology Telescope: Component-separated maps of CMB temperature and the thermal Sunyaev-Zelâ€™dovich effect. Physical Review D, 2020, 102, .	4.7	56
17	Atacama Cosmology Telescope: Dusty Star-forming Galaxies and Active Galactic Nuclei in the Equatorial Survey. Astrophysical Journal, 2020, 893, 104.	4.5	16
18	The Atacama Cosmology Telescope: a measurement of the Cosmic Microwave Background power spectra at 98 and 150 GHz. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 045-045.	5.4	148

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19	The Atacama Cosmology Telescope: arcminute-resolution maps of 18 000 square degrees of the microwave sky from ACT 2008â€“2018 data combined with Planck. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 046-046.	5.4	50
20	The Atacama Cosmology Telescope: DR4 maps and cosmological parameters. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 047-047.	5.4	343
21	Atacama Cosmology Telescope: Constraints on cosmic birefringence. Physical Review D, 2020, 101, .	4.7	50
22	The Power Spectra of Polarized, Dusty Filaments. Astrophysical Journal, 2020, 899, 31.	4.5	22
23	Cross-correlation between Subaru Hyper Suprime-Cam Galaxy Weak Lensing and Planck Cosmic Microwave Background Lensing. Astrophysical Journal, 2020, 904, 182.	4.5	18
24	The Atacama Cosmology Telescope: Weighing Distant Clusters with the Most Ancient Light. Astrophysical Journal Letters, 2020, 903, L13.	8.3	15
25	Real-space computation of E/B-mode maps. Part I. Formalism, compact kernels, and polarized filaments. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 045-045.	5.4	10
26	The Atacama Cosmology Telescope: CO(J = 3 â€“ 2) Mapping and Lens Modeling of an ACT-selected Dusty Star-forming Galaxy. Astrophysical Journal, 2019, 879, 95.	4.5	9
27	Quantifying the thermal Sunyaevâ€“Zelâ€™dovich effect and excess millimetre emission in quasar environments. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2315-2335.	4.4	16
28	Weak-lensing Mass Calibration of ACTPol Sunyaevâ€“Zelâ€™dovich Clusters with the Hyper Suprime-Cam Survey. Astrophysical Journal, 2019, 875, 63.	4.5	72
29	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2900-2918.	4.4	52
30	The Simons Observatory: science goals and forecasts. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 056-056.	5.4	741
31	The Atacama Cosmology Telescope: two-season ACTPol extragalactic point sources and their polarization properties. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5239-5262.	4.4	27
32	Cosmic Microwave Background Mapmaking with a Messenger Field. Astrophysical Journal, 2018, 852, 92.	4.5	8
33	Preconditioner-free Wiener filtering with a dense noise matrix. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3425-3431.	4.4	4
34	The Atacama Cosmology Telescope: The Two-season ACTPol Sunyaevâ€“Zelâ€™dovich Effect Selected Cluster Catalog. Astrophysical Journal, Supplement Series, 2018, 235, 20.	7.7	121
35	The Atacama Cosmology Telescope: two-season ACTPol spectra and parameters. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 031-031.	5.4	120
36	Two-season Atacama Cosmology Telescope polarimeter lensing power spectrum. Physical Review D, 2017, 95, .	4.7	104

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37	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A140.	5.1	89
38	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A134.	5.1	48
39	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A28.	5.1	134
40	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A7.	5.1	94
41	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A10.	5.1	384
42	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A23.	5.1	89
43	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A12.	5.1	117
44	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A24.	5.1	525
45	The Atacama Cosmology Telescope: dynamical masses for 44 SZ-selected galaxy clusters over 755 square degrees. Monthly Notices of the Royal Astronomical Society, 2016, 461, 248-270.	4.4	38
46	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A132.	5.1	109
47	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A6.	5.1	62
48	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A2.	5.1	79
49	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A8.	5.1	209
50	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A9.	5.1	182
51	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A141.	5.1	55
52	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A100.	5.1	44
53	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A5.	5.1	55
54	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A4.	5.1	56

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55	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A18.	5.1	69
56	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A21.	5.1	114
57	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A3.	5.1	53
58	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A19.	5.1	273
59	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A16.	5.1	338
60	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A20.	5.1	1,233
61	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A101.	5.1	24
62	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A27.	5.1	535
63	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A138.	5.1	270
64	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A1.	5.1	738
65	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A14.	5.1	568
66	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A15.	5.1	360
67	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A25.	5.1	153
68	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A133.	5.1	173
69	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A137.	5.1	27
70	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A13.	5.1	8,344
71	Advanced ACTPol Cryogenic Detector Arrays and Readout. Journal of Low Temperature Physics, 2016, 184, 772-779.	1.4	240
72	Isotropy-violation diagnostics forB-mode polarization foregrounds to the Cosmic Microwave Background. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 034-034.	5.4	6

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73	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A22.	5.1	274
74	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A106.	5.1	23
75	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A135.	5.1	109
76	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A136.	5.1	72
77	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A26.	5.1	182
78	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A139.	5.1	32
79	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A17.	5.1	440
80	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A11.	5.1	613
81	THE Q/U IMAGING EXPERIMENT: POLARIZATION MEASUREMENTS OF THE GALACTIC PLANE AT 43 AND 95 GHz. Astrophysical Journal, 2015, 811, 89.	4.5	9
82	Planckintermediate results. Astronomy and Astrophysics, 2015, 580, A22.	5.1	80
83	Planckintermediate results. XXVI. Optical identification and redshifts ofPlanckclusters with the RTT150 telescope. Astronomy and Astrophysics, 2015, 582, A29.	5.1	46
84	Planckintermediate results. Astronomy and Astrophysics, 2015, 582, A30.	5.1	72
85	Planckintermediate results. Astronomy and Astrophysics, 2015, 582, A31.	5.1	59
86	Planck2013 results. XXXII. The updatedPlanckcatalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2015, 581, A14.	5.1	80
87	Planckintermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. Astronomy and Astrophysics, 2015, 576, A104.	5.1	296
88	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
89	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
90	Planckintermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. Astronomy and Astrophysics, 2015, 573, A6.	5.1	13

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91	Planckintermediate results. Astronomy and Astrophysics, 2015, 580, A13.	5.1	37
92	Planckintermediate results. Astronomy and Astrophysics, 2015, 582, A28.	5.1	33
93	Joint Analysis of BICEP2/Keck ArrayandPlanckData. Physical Review Letters, 2015, 114, 101301.	7.8	819
94	THE Q/U IMAGING EXPERIMENT: POLARIZATION MEASUREMENTS OF RADIO SOURCES AT 43 AND 95 GHz. Astrophysical Journal, 2015, 806, 112.	4.5	5
95	THE ATACAMA COSMOLOGY TELESCOPE: LENSING OF CMB TEMPERATURE AND POLARIZATION DERIVED FROM COSMIC INFRARED BACKGROUND CROSS-CORRELATION. Astrophysical Journal, 2015, 808, 7.	4.5	66
96	THE ATACAMA COSMOLOGY TELESCOPE: THE LABOCA/ACT SURVEY OF CLUSTERS AT ALL REDSHIFTS. Astrophysical Journal, 2015, 803, 79.	4.5	10
97	Planck2013 results. XIV. Zodiacal emission. Astronomy and Astrophysics, 2014, 571, A14.	5.1	90
98	Planck2013 results. VI. High Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A6.	5.1	103
99	Planck2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. Astronomy and Astrophysics, 2014, 571, A10.	5.1	68
100	Planck2013 results. XXXI. Consistency of thePlanckdata. Astronomy and Astrophysics, 2014, 571, A31.	5.1	69
101	Planck2013 results. V. LFI calibration. Astronomy and Astrophysics, 2014, 571, A5.	5.1	67
102	Planck2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. Astronomy and Astrophysics, 2014, 571, A27.	5.1	170
103	Planck2013 results. III. LFI systematic uncertainties. Astronomy and Astrophysics, 2014, 571, A3.	5.1	54
104	Planck2013 results. XII. Diffuse component separation. Astronomy and Astrophysics, 2014, 571, A12.	5.1	216
105	Planckintermediate results. Astronomy and Astrophysics, 2014, 566, A54.	5.1	80
106	Planck2013 results. XIII. Galactic CO emission. Astronomy and Astrophysics, 2014, 571, A13.	5.1	144
107	Planck2013 results. XI. All-sky model of thermal dust emission. Astronomy and Astrophysics, 2014, 571, A11.	5.1	566
108	X-RAY AND SUNYAEV-ZEL'DOVICH PROPERTIES OF THE WARM-HOT INTERGALACTIC MEDIUM. Astrophysical Journal, 2014, 789, 55.	4.5	8

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109	A measurement of the millimetre emission and the Sunyaevâ€“Zel'dovich effect associated with low-frequency radio sources. Monthly Notices of the Royal Astronomical Society, 2014, 445, 460-478.	4.4	35
110	The Atacama Cosmology Telescope: cross correlation withPlanckmaps. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 016-016.	5.4	27
111	The Atacama Cosmology Telescope: temperature and gravitational lensing power spectrum measurements from three seasons of data. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 014-014.	5.4	194
112	The Atacama Cosmology Telescope: CMB polarization at 200 < â„“ < 9000. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 007-007.	5.4	121
113	Planck2013 results. I. Overview of products and scientific results. Astronomy and Astrophysics, 2014, 571, A1.	5.1	948
114	Planck2013 results. XXX. Cosmic infrared background measurements and implications for star formation. Astronomy and Astrophysics, 2014, 571, A30.	5.1	210
115	Planck2013 results. XXV. Searches for cosmic strings and other topological defects. Astronomy and Astrophysics, 2014, 571, A25.	5.1	223
116	Planck intermediate results. Astronomy and Astrophysics, 2014, 566, A55.	5.1	134
117	Planck2013 results. XV. CMB power spectra and likelihood. Astronomy and Astrophysics, 2014, 571, A15.	5.1	364
118	Planck2013 results. XX. Cosmology from Sunyaevâ€“Zeldovich cluster counts. Astronomy and Astrophysics, 2014, 571, A20.	5.1	465
119	Planck2013 results. XXI. Power spectrum and high-order statistics of thePlanckall-sky Compton parameter map. Astronomy and Astrophysics, 2014, 571, A21.	5.1	133
120	Planck2013 results. XXIX. ThePlanckcatalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2014, 571, A29.	5.1	380
121	Planck2013 results. XXVIII. ThePlanckCatalogue of Compact Sources. Astronomy and Astrophysics, 2014, 571, A28.	5.1	162
122	Planck2013 results. XIX. The integrated Sachs-Wolfe effect. Astronomy and Astrophysics, 2014, 571, A19.	5.1	126
123	Planck2013 results. IX. HFI spectral response. Astronomy and Astrophysics, 2014, 571, A9.	5.1	129
124	Planck2013 results. XXIII. Isotropy and statistics of the CMB. Astronomy and Astrophysics, 2014, 571, A23.	5.1	367
125	Planck2013 results. VII. HFI time response and beams. Astronomy and Astrophysics, 2014, 571, A7.	5.1	99
126	Planck2013 results. VIII. HFI photometric calibration and mapmaking. Astronomy and Astrophysics, 2014, 571, A8.	5.1	107

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127	Planck2013 results. XVIII. The gravitational lensing-infrared background correlation. Astronomy and Astrophysics, 2014, 571, A18.	5.1	116
128	Planck2013 results. IV. Low Frequency Instrument beams and window functions. Astronomy and Astrophysics, 2014, 571, A4.	5.1	41
129	Planck2013 results. XXVI. Background geometry and topology of the Universe. Astronomy and Astrophysics, 2014, 571, A26.	5.1	91
130	Planck2013 results. II. Low Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A2.	5.1	74
131	Planckintermediate results. Astronomy and Astrophysics, 2014, 561, A97.	5.1	80
132	Planck2013 results. XVII. Gravitational lensing by large-scale structure. Astronomy and Astrophysics, 2014, 571, A17.	5.1	272
133	Planck2013 results. XXIV. Constraints on primordial non-Gaussianity. Astronomy and Astrophysics, 2014, 571, A24.	5.1	350
134	Planck2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	5.1	806
135	Planck2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	5.1	4,703
136	Baryon impact on weak lensing peaks and power spectrum: Low-bias statistics and self-calibration in future surveys. Physical Review D, 2013, 87, .	4.7	39
137	The Atacama Cosmology Telescope: cosmological parameters from three seasons of data. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 060-060.	5.4	215
138	EFFECT OF MEASUREMENT ERRORS ON PREDICTED COSMOLOGICAL CONSTRAINTS FROM SHEAR PEAK STATISTICS WITH LARGE SYNOPTIC SURVEY TELESCOPE. Astrophysical Journal, 2013, 774, 49.	4.5	20
139	THE Q/U IMAGING EXPERIMENT INSTRUMENT. Astrophysical Journal, 2013, 768, 9.	4.5	45
140	Planckintermediate results. Astronomy and Astrophysics, 2013, 557, A52.	5.1	141
141	PlanckÂintermediate results. XII: Diffuse Galactic components in the Gould Belt system. Astronomy and Astrophysics, 2013, 557, A53.	5.1	19
142	Planckintermediate results. Astronomy and Astrophysics, 2013, 554, A140.	5.1	101
143	RECONSTRUCTING THE SHAPE OF THE CORRELATION FUNCTION. Astrophysical Journal, Supplement Series, 2013, 206, 23.	7.7	0
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146	THE ATACAMA COSMOLOGY TELESCOPE: DATA CHARACTERIZATION AND MAPMAKING. Astrophysical Journal, 2013, 762, 10.	4.5	70
147	Planckintermediate results. Astronomy and Astrophysics, 2013, 554, A139.	5.1	106
148	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A129.	5.1	63
149	The Atacama Cosmology Telescope: Cross-correlation of cosmic microwave background lensing and quasars. Physical Review D, 2012, 86, .	4.7	91
150	Probing cosmology with weak lensing Minkowski functionals. Physical Review D, 2012, 85, .	4.7	73
151	Atacama Cosmology Telescope: A measurement of the thermal Sunyaev-Zelâ€™dovich effect using the skewness of the CMB temperature distribution. Physical Review D, 2012, 86, .	4.7	34
152	SECOND SEASON QUIET OBSERVATIONS: MEASUREMENTS OF THE COSMIC MICROWAVE BACKGROUND POLARIZATION POWER SPECTRUM AT 95 GHz. Astrophysical Journal, 2012, 760, 145.	4.5	79
153	THE ATACAMA COSMOLOGY TELESCOPE: HIGH-RESOLUTION SUNYAEV-ZEL'DOVICH ARRAY OBSERVATIONS OF ACT SZE-SELECTED CLUSTERS FROM THE EQUATORIAL STRIP. Astrophysical Journal, 2012, 751, 12.	4.5	23
154	Planckintermediate results. Astronomy and Astrophysics, 2012, 543, A102.	5.1	50
155	Stacking catalogue sources in WMAP data. Monthly Notices of the Royal Astronomical Society, 2012, 424, 3028-3036.	4.4	2
156	Detection of the Power Spectrum of Cosmic Microwave Background Lensing by the Atacama Cosmology Telescope. Physical Review Letters, 2011, 107, 021301.	7.8	225
157	Planckearly results. XXI. Properties of the interstellar medium in the Galactic plane. Astronomy and Astrophysics, 2011, 536, A21.	5.1	119
158	Planckearly results. XVIII. The power spectrum of cosmic infrared background anisotropies. Astronomy and Astrophysics, 2011, 536, A18.	5.1	180
159	Planckearly results. XIII. Statistical properties of extragalactic radio sources in thePlanckEarly Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A13.	5.1	103
160	Planckearly results. XVII. Origin of the submillimetre excess dust emission in the Magellanic Clouds. Astronomy and Astrophysics, 2011, 536, A17.	5.1	123
161	Planckearly results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. Astronomy and Astrophysics, 2011, 536, A12.	5.1	100
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164	Planckearly results. XXV. Thermal dust in nearby molecular clouds. Astronomy and Astrophysics, 2011, 536, A25.	5.1	184
165	Planckearly results. XXII. The submillimetre properties of a sample of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A22.	5.1	88
166	Planckearly results. VI. The High Frequency Instrument data processing. Astronomy and Astrophysics, 2011, 536, A6.	5.1	116
167	Planckearly results. XXIII. The first all-sky survey of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A23.	5.1	152
168	Planckearly results. XVI. ThePlanckview of nearby galaxies. Astronomy and Astrophysics, 2011, 536, A16.	5.1	74
169	Planckearly results. VII. The Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A7.	5.1	224
170	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
171	Planckearly results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo. Astronomy and Astrophysics, 2011, 536, A24.	5.1	179
172	Planckearly results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. Astronomy and Astrophysics, 2011, 536, A10.	5.1	124
173	Planckearly results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. Astronomy and Astrophysics, 2011, 536, A11.	5.1	174
174	Planckearly results. XIV. ERCSC validation and extreme radio sources. Astronomy and Astrophysics, 2011, 536, A14.	5.1	61
175	Planckearly results. IV. First assessment of the High Frequency Instrument in-flight performance. Astronomy and Astrophysics, 2011, 536, A4.	5.1	136
176	Planckearly results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. Astronomy and Astrophysics, 2011, 536, A8.	5.1	335
177	Planckearly results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. Astronomy and Astrophysics, 2011, 536, A15.	5.1	93
178	Planckearly results. I. ThePlanckmission. Astronomy and Astrophysics, 2011, 536, A1.	5.1	394
179	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGY FROM GALAXY CLUSTERS DETECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT. Astrophysical Journal, 2011, 732, 44.	4.5	140
180	THE ATACAMA COSMOLOGY TELESCOPE: CALIBRATION WITH THEWILKINSON MICROWAVE ANISOTROPY PROBEUSING CROSS-CORRELATIONS. Astrophysical Journal, 2011, 740, 86.	4.5	34

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181	THE ATACAMA COSMOLOGY TELESCOPE: EXTRAGALACTIC SOURCES AT 148 GHz IN THE 2008 SURVEY. Astrophysical Journal, 2011, 731, 100.	4.5	75
182	FIRST SEASON QUIET OBSERVATIONS: MEASUREMENTS OF COSMIC MICROWAVE BACKGROUND POLARIZATION POWER SPECTRA AT 43 GHz IN THE MULTIPOLE RANGE 25 â©½ ell â©½ 475. Astrophysical Journal, 2011, 741, 111.	4.5	84
183	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE COSMIC MICROWAVE BACKGROUND POWER SPECTRUM AT 148 AND 218 GHz FROM THE 2008 SOUTHERN SURVEY. Astrophysical Journal, 2011, 729, 62.	4.5	144
184	FAST PIXEL SPACE CONVOLUTION FOR COSMIC MICROWAVE BACKGROUND SURVEYS WITH ASYMMETRIC BEAMS AND COMPLEX SCAN STRATEGIES: FEBeCoP. Astrophysical Journal, Supplement Series, 2011, 193, 5.	7.7	58
185	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGICAL PARAMETERS FROM THE 2008 POWER SPECTRUM. Astrophysical Journal, 2011, 739, 52.	4.5	329
186	THE ATACAMA COSMOLOGY TELESCOPE: SUNYAEV-ZEL'DOVICH-SELECTED GALAXY CLUSTERS AT 148 GHz IN THE 2008 SURVEY. Astrophysical Journal, 2011, 737, 61.	4.5	234
187	Planckearly results. IX.XMM-Newtonfollow-up for validation ofPlanckcluster candidates. Astronomy and Astrophysics, 2011, 536, A9.	5.1	126
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189	Planckpre-launch status: ThePlanckmission. Astronomy and Astrophysics, 2010, 520, A1.	5.1	268
190	SIMULATIONS OF THE MICROWAVE SKY. Astrophysical Journal, 2010, 709, 920-936.	4.5	158
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193	Markov chain beam randomization: a study of the impact of PLANCK beam measurement errors on cosmological parameter estimation. Astronomy and Astrophysics, 2010, 513, A23.	5.1	6
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