Kevin Huffenberger

List of Publications by Year
in descending order

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206 papers	41,476 citations	3151 92 h-index	2178 202 g-index
206 all docs	206 docs citations	206 times ranked	19454 citing authors

#	Article	IF	Citations
1	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A13.	2.1	8,344
2	Planck2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.	2.1	4,703
3	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A20.	2.1	1,233
4	Planck2013 results. I. Overview of products and scientific results. Astronomy and Astrophysics, 2014, 571, A1.	2.1	948
5	Joint Analysis of BICEP2/Keck ArrayandPlanckData. Physical Review Letters, 2015, 114, 101301.	2.9	819
6	Planck2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.	2.1	806
7	The Simons Observatory: science goals and forecasts. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 056-056.	1.9	741
8	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A1.	2.1	738
9	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A11.	2.1	613
10	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A14.	2.1	568
11	Planck2013 results. XI. All-sky model of thermal dust emission. Astronomy and Astrophysics, 2014, 571, A11.	2.1	566
12	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A27.	2.1	535
13	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A24.	2.1	525
14	Planck2013 results. XX. Cosmology from Sunyaevâ€“Zeldovich cluster counts. Astronomy and Astrophysics, 2014, 571, A20.	2.1	465
15	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A17.	2.1	440
16	Planckearly results. I. ThePlanckmission. Astronomy and Astrophysics, 2011, 536, A1.	2.1	394
17	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A10.	2.1	384
18	Planck2013 results. XXIX. ThePlanckcatalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2014, 571, A29.	2.1	380

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19	Planck2013 results. XXIII. Isotropy and statistics of the CMB. Astronomy and Astrophysics, 2014, 571, A23.	2.1	367
20	Planck2013 results. XV. CMB power spectra and likelihood. Astronomy and Astrophysics, 2014, 571, A15.	2.1	364
21	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A15.	2.1	360
22	Planck2013 results. XXIV. Constraints on primordial non-Gaussianity. Astronomy and Astrophysics, 2014, 571, A24.	2.1	350
23	The Atacama Cosmology Telescope: DR4 maps and cosmological parameters. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 047-047.	1.9	343
24	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A16.	2.1	338
25	Planckearly results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. Astronomy and Astrophysics, 2011, 536, A8.	2.1	335
26	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGICAL PARAMETERS FROM THE 2008 POWER SPECTRUM. Astrophysical Journal, 2011, 739, 52.	1.6	329
27	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.	2.1	314
28	Planckintermediate results. XIX. An overview of the polarized thermal emission from Galactic dust. Astronomy and Astrophysics, 2015, 576, A104.	2.1	296
29	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A22.	2.1	274
30	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A19.	2.1	273
31	Planck2013 results. XVII. Gravitational lensing by large-scale structure. Astronomy and Astrophysics, 2014, 571, A17.	2.1	272
32	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A138.	2.1	270
33	Planckpre-launch status: ThePlanckmission. Astronomy and Astrophysics, 2010, 520, A1.	2.1	268
34	Advanced ACTPol Cryogenic Detector Arrays and Readout. Journal of Low Temperature Physics, 2016, 184, 772-779.	0.6	240
35	THE ATACAMA COSMOLOGY TELESCOPE: SUNYAEV-ZEL'DOVICH-SELECTED GALAXY CLUSTERS AT 148 GHz IN THE 2008 SURVEY. Astrophysical Journal, 2011, 737, 61.	1.6	234
36	Detection of the Power Spectrum of Cosmic Microwave Background Lensing by the Atacama Cosmology Telescope. Physical Review Letters, 2011, 107, 021301.	2.9	225

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37	Planckearly results. VII. The Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A7.	2.1	224
38	Planck2013 results. XXV. Searches for cosmic strings and other topological defects. Astronomy and Astrophysics, 2014, 571, A25.	2.1	223
39	Planck2013 results. XII. Diffuse component separation. Astronomy and Astrophysics, 2014, 571, A12.	2.1	216
40	The Atacama Cosmology Telescope: cosmological parameters from three seasons of data. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 060-060.	1.9	215
41	Planck2013 results. XXX. Cosmic infrared background measurements and implications for star formation. Astronomy and Astrophysics, 2014, 571, A30.	2.1	210
42	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A8.	2.1	209
43	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.	1.9	194
44	Planckearly results. XXV. Thermal dust in nearby molecular clouds. Astronomy and Astrophysics, 2011, 536, A25.	2.1	184
45	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A9.	2.1	182
46	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A26.	2.1	182
47	Planckearly results. XVIII. The power spectrum of cosmic infrared background anisotropies. Astronomy and Astrophysics, 2011, 536, A18.	2.1	180
48	Planckearly results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo. Astronomy and Astrophysics, 2011, 536, A24.	2.1	179
49	Planckearly results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. Astronomy and Astrophysics, 2011, 536, A11.	2.1	174
50	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A133.	2.1	173
51	Planck2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. Astronomy and Astrophysics, 2014, 571, A27.	2.1	170
52	Planck2013 results. XXVIII. ThePlanckCatalogue of Compact Sources. Astronomy and Astrophysics, 2014, 571, A28.	2.1	162
53	SIMULATIONS OF THE MICROWAVE SKY. Astrophysical Journal, 2010, 709, 920-936.	1.6	158
54	Planckearly 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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55	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A25.	2.1	153
56	Planckearly results. XXIII. The first all-sky survey of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A23.	2.1	152
57	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.	1.9	148
58	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.	1.6	144
59	Planck2013 results. XIII. Galactic CO emission. Astronomy and Astrophysics, 2014, 571, A13.	2.1	144
60	Planckintermediate results. Astronomy and Astrophysics, 2013, 557, A52.	2.1	141
61	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGY FROM GALAXY CLUSTERS DETECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT. Astrophysical Journal, 2011, 732, 44.	1.6	140
62	Planckearly results. IV. First assessment of the High Frequency Instrument in-flight performance. Astronomy and Astrophysics, 2011, 536, A4.	2.1	136
63	Planck intermediate results. Astronomy and Astrophysics, 2014, 566, A55.	2.1	134
64	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A28.	2.1	134
65	Planck2013 results. XXI. Power spectrum and high-order statistics of thePlanckall-sky Compton parameter map. Astronomy and Astrophysics, 2014, 571, A21.	2.1	133
66	Planck2013 results. IX. HFI spectral response. Astronomy and Astrophysics, 2014, 571, A9.	2.1	129
67	Planck2013 results. XIX. The integrated Sachs-Wolfe effect. Astronomy and Astrophysics, 2014, 571, A19.	2.1	126
68	Planckearly results. IX.XMM-Newtonfollow-up for validation ofPlanckcluster candidates. Astronomy and Astrophysics, 2011, 536, A9.	2.1	126
69	Planckearly results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. Astronomy and Astrophysics, 2011, 536, A10.	2.1	124
70	Planckearly results. XVII. Origin of the submillimetre excess dust emission in the Magellanic Clouds. Astronomy and Astrophysics, 2011, 536, A17.	2.1	123
71	The Atacama Cosmology Telescope: CMB polarization at 200 < â„“ < 9000. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 007-007.	1.9	121
72	The Atacama Cosmology Telescope: The Two-season ACTPol Sunyaevâ€“Zelâ€™dovich Effect Selected Cluster Catalog. Astrophysical Journal, Supplement Series, 2018, 235, 20.	3.0	121

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73	The Atacama Cosmology Telescope: two-season ACTPol spectra and parameters. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 031-031.	1.9	120
74	Planckearly results. XXI. Properties of the interstellar medium in the Galactic plane. Astronomy and Astrophysics, 2011, 536, A21.	2.1	119
75	Planckintermediate results. XX. Comparison of polarized thermal emission from Galactic dust with simulations of MHD turbulence. Astronomy and Astrophysics, 2015, 576, A105.	2.1	119
76	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaevâ€“Zelâ€™dovich Galaxy Clusters. Astrophysical Journal, Supplement Series, 2021, 253, 3.	3.0	118
77	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A12.	2.1	117
78	Planckearly results. VI. The High Frequency Instrument data processing. Astronomy and Astrophysics, 2011, 536, A6.	2.1	116
79	Planck2013 results. XVIII. The gravitational lensing-infrared background correlation. Astronomy and Astrophysics, 2014, 571, A18.	2.1	116
80	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A21.	2.1	114
81	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A132.	2.1	109
82	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A135.	2.1	109
83	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE 600 < â„“ < 8000 COSMIC MICROWAVE BACKGROUND POWER SPECTRUM AT 148 GHz. Astrophysical Journal, 2010, 722, 1148-1161.	1.6	107
84	Planck2013 results. VIII. HFI photometric calibration and mapmaking. Astronomy and Astrophysics, 2014, 571, A8.	2.1	107
85	Planckintermediate results. Astronomy and Astrophysics, 2013, 554, A139.	2.1	106
86	Two-season Atacama Cosmology Telescope polarimeter lensing power spectrum. Physical Review D, 2017, 95, .	1.6	104
87	Planckearly results. XIII. Statistical properties of extragalactic radio sources in thePlanckEarly Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A13.	2.1	103
88	Planck2013 results. VI. High Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A6.	2.1	103
89	Planckintermediate results. Astronomy and Astrophysics, 2013, 554, A140.	2.1	101
90	Planckearly results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. Astronomy and Astrophysics, 2011, 536, A12.	2.1	100

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91	Planck2013 results. VII. HFI time response and beams. Astronomy and Astrophysics, 2014, 571, A7.	2.1	99
92	THE ATACAMA COSMOLOGY TELESCOPE: PHYSICAL PROPERTIES AND PURITY OF A GALAXY CLUSTER SAMPLE SELECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT. Astrophysical Journal, 2010, 723, 1523-1541.	1.6	98
93	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A7.	2.1	94
94	Planckearly results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. Astronomy and Astrophysics, 2011, 536, A15.	2.1	93
95	Planckearly results. II. The thermal performance ofPlanck. Astronomy and Astrophysics, 2011, 536, A2.	2.1	91
96	The Atacama Cosmology Telescope: Cross-correlation of cosmic microwave background lensing and quasars. Physical Review D, 2012, 86, .	1.6	91
97	Planck2013 results. XXVI. Background geometry and topology of the Universe. Astronomy and Astrophysics, 2014, 571, A26.	2.1	91
98	Planck2013 results. XIV. Zodiacal emission. Astronomy and Astrophysics, 2014, 571, A14.	2.1	90
99	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A140.	2.1	89
100	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A23.	2.1	89
101	Planckearly results. XXII. The submillimetre properties of a sample of Galactic cold clumps. Astronomy and Astrophysics, 2011, 536, A22.	2.1	88
102	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.	1.6	84
103	Planckintermediate results. Astronomy and Astrophysics, 2014, 566, A54.	2.1	80
104	Planckintermediate results. Astronomy and Astrophysics, 2014, 561, A97.	2.1	80
105	Planckintermediate results. Astronomy and Astrophysics, 2015, 580, A22.	2.1	80
106	Planck2013 results. XXXII. The updatedPlanckcatalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2015, 581, A14.	2.1	80
107	THE ATACAMA COSMOLOGY TELESCOPE (ACT): BEAM PROFILES AND FIRST SZ CLUSTER MAPS. Astrophysical Journal, Supplement Series, 2010, 191, 423-438.	3.0	79
108	SECOND SEASON QUIET OBSERVATIONS: MEASUREMENTS OF THE COSMIC MICROWAVE BACKGROUND POLARIZATION POWER SPECTRUM AT 95 GHz. Astrophysical Journal, 2012, 760, 145.	1.6	79

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109	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A2.	2.1	79
110	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. Astrophysical Journal, 2022, 926, 54.	1.6	79
111	Atacama Cosmology Telescope: Combined kinematic and thermal Sunyaev-Zelâ€™dovich measurements from BOSS CMASS and LOWZ halos. Physical Review D, 2021, 103, .	1.6	76
112	THE ATACAMA COSMOLOGY TELESCOPE: EXTRAGALACTIC SOURCES AT 148 GHz IN THE 2008 SURVEY. Astrophysical Journal, 2011, 731, 100.	1.6	75
113	Planckearly results. XVI. ThePlanckview of nearby galaxies. Astronomy and Astrophysics, 2011, 536, A16.	2.1	74
114	Planck2013 results. II. Low Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A2.	2.1	74
115	Probing cosmology with weak lensing Minkowski functionals. Physical Review D, 2012, 85, .	1.6	73
116	Planckintermediate results. Astronomy and Astrophysics, 2015, 582, A30.	2.1	72
117	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A136.	2.1	72
118	Weak-lensing Mass Calibration of ACTPol Sunyaevâ€“Zelâ€™dovich Clusters with the Hyper Suprime-Cam Survey. Astrophysical Journal, 2019, 875, 63.	1.6	72
119	THE ATACAMA COSMOLOGY TELESCOPE: DATA CHARACTERIZATION AND MAPMAKING. Astrophysical Journal, 2013, 762, 10.	1.6	70
120	Planck2013 results. XXXI. Consistency of thePlanckdata. Astronomy and Astrophysics, 2014, 571, A31.	2.1	69
121	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A18.	2.1	69
122	Planck2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. Astronomy and Astrophysics, 2014, 571, A10.	2.1	68
123	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.	2.1	68
124	Planck2013 results. V. LFI calibration. Astronomy and Astrophysics, 2014, 571, A5.	2.1	67
125	THE ATACAMA COSMOLOGY TELESCOPE: LENSING OF CMB TEMPERATURE AND POLARIZATION DERIVED FROM COSMIC INFRARED BACKGROUND CROSS-CORRELATION. Astrophysical Journal, 2015, 808, 7.	1.6	66
126	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A129.	2.1	63

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127	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A6.	2.1	62
128	Planckearly results. XIV. ERCSC validation and extreme radio sources. Astronomy and Astrophysics, 2011, 536, A14.	2.1	61
129	Atacama Cosmology Telescope: Modeling the gas thermodynamics in BOSS CMASS galaxies from kinematic and thermal Sunyaev-Zelâ€™dovich measurements. Physical Review D, 2021, 103, .	1.6	60
130	Planckintermediate results. Astronomy and Astrophysics, 2015, 582, A31.	2.1	59
131	FAST PIXEL SPACE CONVOLUTION FOR COSMIC MICROWAVE BACKGROUND SURVEYS WITH ASYMMETRIC BEAMS AND COMPLEX SCAN STRATEGIES: FEBeCoP. Astrophysical Journal, Supplement Series, 2011, 193, 5.	3.0	58
132	SPECTRAL ENERGY DISTRIBUTION OF RADIO SOURCES IN NEARBY CLUSTERS OF GALAXIES: IMPLICATIONS FOR SUNYAEV-ZEL'DOVICH EFFECT SURVEYS. Astrophysical Journal, 2009, 694, 992-1009.	1.6	56
133	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A4.	2.1	56
134	Atacama Cosmology Telescope: Component-separated maps of CMB temperature and the thermal Sunyaev-Zelâ€™dovich effect. Physical Review D, 2020, 102, .	1.6	56
135	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A141.	2.1	55
136	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A5.	2.1	55
137	Planck2013 results. III. LFI systematic uncertainties. Astronomy and Astrophysics, 2014, 571, A3.	2.1	54
138	Planck2015 results. Astronomy and Astrophysics, 2016, 594, A3.	2.1	53
139	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.	1.6	52
140	Planckintermediate results. Astronomy and Astrophysics, 2012, 543, A102.	2.1	50
141	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.	1.9	50
142	Atacama Cosmology Telescope: Constraints on cosmic birefringence. Physical Review D, 2020, 101, .	1.6	50
143	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A134.	2.1	48
144	Planckintermediate results. XXVI. Optical identification and redshifts ofPlanckclusters with the RTT150 telescope. Astronomy and Astrophysics, 2015, 582, A29.	2.1	46

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145	THE Q/U IMAGING EXPERIMENT INSTRUMENT. Astrophysical Journal, 2013, 768, 9.	1.6	45
146	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A100.	2.1	44
147	Planck2013 results. IV. Low Frequency Instrument beams and window functions. Astronomy and Astrophysics, 2014, 571, A4.	2.1	41
148	Baryon impact on weak lensing peaks and power spectrum: Low-bias statistics and self-calibration in future surveys. Physical Review D, 2013, 87, .	1.6	39
149	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.	1.6	38
150	Planckintermediate results. Astronomy and Astrophysics, 2015, 580, A13.	2.1	37
151	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A130.	2.1	36
152	Point-Source Power in 3 Year Wilkinson Microwave Anisotropy Probe Data. Astrophysical Journal, 2006, 651, L81-L84.	1.6	35
153	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.	1.6	35
154	THE ATACAMA COSMOLOGY TELESCOPE: CALIBRATION WITH THEWILKINSON MICROWAVE ANISOTROPY PROBEUSING CROSS-CORRELATIONS. Astrophysical Journal, 2011, 740, 86.	1.6	34
155	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, .	1.6	34
156	Planckintermediate results. Astronomy and Astrophysics, 2015, 582, A28.	2.1	33
157	Microwave Sky Simulations and Projections for Galaxy Cluster Detection with the Atacama Cosmology Telescope. Astrophysical Journal, 2007, 664, 149-161.	1.6	32
158	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A139.	2.1	32
159	FAST AND EXACT SPIN- s SPHERICAL HARMONIC TRANSFORMS. Astrophysical Journal, Supplement Series, 2010, 189, 255-260.	3.0	30
160	Evidence for the Thermal Sunyaev-Zel'dovich Effect Associated with Quasar Feedback. Monthly Notices of the Royal Astronomical Society, 0, , stw344.	1.6	28
161	The Atacama Cosmology Telescope: cross correlation withPlanckmaps. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 016-016.	1.9	27
162	Planckintermediate results. Astronomy and Astrophysics, 2016, 586, A137.	2.1	27

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163	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.	1.6	27
164	Halo concentration and the dark matter power spectrum. Monthly Notices of the Royal Astronomical Society, 2003, 340, 1199-1204.	1.6	25
165	Reconstructing Sunyaev-Zel'dovich clusters in future cosmic microwave background experiments. Monthly Notices of the Royal Astronomical Society, 2005, 359, 261-271.	1.6	25
166	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A101.	2.1	24
167	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.	1.6	23
168	Planckintermediate results. Astronomy and Astrophysics, 2016, 596, A106.	2.1	23
169	The Power Spectra of Polarized, Dusty Filaments. Astrophysical Journal, 2020, 899, 31.	1.6	22
170	EFFECT OF MEASUREMENT ERRORS ON PREDICTED COSMOLOGICAL CONSTRAINTS FROM SHEAR PEAK STATISTICS WITH LARGE SYNOPTIC SURVEY TELESCOPE. Astrophysical Journal, 2013, 774, 49.	1.6	20
171	Planckintermediate results. Astronomy and Astrophysics, 2013, 550, A128.	2.1	20
172	PlanckÂintermediate results. XII: Diffuse Galactic components in the Gould Belt system. Astronomy and Astrophysics, 2013, 557, A53.	2.1	19
173	The Atacama Cosmology Telescope: Summary of DR4 and DR5 Data Products and Data Access. Astrophysical Journal, Supplement Series, 2021, 255, 11.	3.0	19
174	Sunyaev-Zeldovich effect in WMAP and its effect on cosmological parameters. Physical Review D, 2004, 70, .	1.6	18
175	Cross-correlation between Subaru Hyper Suprime-Cam Galaxy Weak Lensing and Planck Cosmic Microwave Background Lensing. Astrophysical Journal, 2020, 904, 182.	1.6	18
176	Measuring Planck beams with planets. Astronomy and Astrophysics, 2010, 510, A58.	2.1	16
177	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.	1.6	16
178	Atacama Cosmology Telescope: Dusty Star-forming Galaxies and Active Galactic Nuclei in the Equatorial Survey. Astrophysical Journal, 2020, 893, 104.	1.6	16
179	Prospects for ACT: Simulations, power spectrum, and non-Gaussian analysis. New Astronomy, 2005, 10, 491-515.	0.8	15
180	The Atacama Cosmology Telescope: Detection of Millimeter-wave Transient Sources. Astrophysical Journal, 2021, 915, 14.	1.6	15

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181	The Atacama Cosmology Telescope: Weighing Distant Clusters with the Most Ancient Light. Astrophysical Journal Letters, 2020, 903, L13.	3.0	15
182	The Scalar Perturbation Spectral Indexn_s:WMAPSensitivity to Unresolved Point Sources. Astrophysical Journal, 2008, 688, 1-11.	1.6	13
183	Planckintermediate results. XVIII. The millimetre and sub-millimetre emission from planetary nebulae. Astronomy and Astrophysics, 2015, 573, A6.	2.1	13
184	THE ATACAMA COSMOLOGY TELESCOPE: THE LABOCA/ACT SURVEY OF CLUSTERS AT ALL REDSHIFTS. Astrophysical Journal, 2015, 803, 79.	1.6	10
185	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.	1.9	10
186	Full-sky, Arcminute-scale, 3D Models of Galactic Microwave Foreground Dust Emission Based on Filaments. Astrophysical Journal, 2022, 928, 65.	1.6	10
187	The Atacama Cosmology Telescope: A Search for Planet 9. Astrophysical Journal, 2021, 923, 224.	1.6	10
188	The Simons Observatory: Galactic Science Goals and Forecasts. Astrophysical Journal, 2022, 929, 166.	1.6	10
189	THE Q/U IMAGING EXPERIMENT: POLARIZATION MEASUREMENTS OF THE GALACTIC PLANE AT 43 AND 95 GHz. Astrophysical Journal, 2015, 811, 89.	1.6	9
190	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.	1.6	9
191	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.	1.6	9
192	X-RAY AND SUNYAEV-ZEL'DOVICH PROPERTIES OF THE WARM-HOT INTERGALACTIC MEDIUM. Astrophysical Journal, 2014, 789, 55.	1.6	8
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