

# Edward J Wollack

## List of Publications by Citations

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#	Paper	IF	Citations
4 <sup>16</sup>	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Determination of Cosmological Parameters. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 175-194	8	8049
4 <sup>15</sup>	SEVEN-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE ( WMAP ) OBSERVATIONS: COSMOLOGICAL INTERPRETATION. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 192, 18	8	5972
4 <sup>14</sup>	Three-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Implications for Cosmology. <i>Astrophysical Journal, Supplement Series</i> , <b>2007</b> , 170, 377-408	8	4767
4 <sup>13</sup>	FIVE-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE OBSERVATIONS: COSMOLOGICAL INTERPRETATION. <i>Astrophysical Journal, Supplement Series</i> , <b>2009</b> , 180, 330-376	8	3783
4 <sup>12</sup>	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Preliminary Maps and Basic Results. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 1-27	8	3506
4 <sup>11</sup>	NINE-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE ( WMAP ) OBSERVATIONS: COSMOLOGICAL PARAMETER RESULTS. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 208, 19	8	3355
4 <sup>10</sup>	NINE-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE ( WMAP ) OBSERVATIONS: FINAL MAPS AND RESULTS. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 208, 20	8	1490
4 <sup>09</sup>	FIVE-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE OBSERVATIONS: LIKELIHOODS AND PARAMETERS FROM THE WMAP DATA. <i>Astrophysical Journal, Supplement Series</i> , <b>2009</b> , 180, 306-329	8	1237
4 <sup>08</sup>	FIVE-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE OBSERVATIONS: DATA PROCESSING, SKY MAPS, AND BASIC RESULTS. <i>Astrophysical Journal, Supplement Series</i> , <b>2009</b> , 180, 225-245	8	1199
4 <sup>07</sup>	SEVEN-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE ( WMAP ) OBSERVATIONS: POWER SPECTRA AND WMAP -DERIVED PARAMETERS. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 192, 16	8	1129
4 <sup>06</sup>	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Implications For Inflation. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 213-231	8	904
4 <sup>05</sup>	SEVEN-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE ( WMAP ) OBSERVATIONS: SKY MAPS, SYSTEMATIC ERRORS, AND BASIC RESULTS. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 192, 14	8	829
4 <sup>04</sup>	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Temperature-Polarization Correlation. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 161-173	8	751
4 <sup>03</sup>	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Foreground Emission. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 97-117	8	720
4 <sup>02</sup>	Three-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Temperature Analysis. <i>Astrophysical Journal, Supplement Series</i> , <b>2007</b> , 170, 288-334	8	715
4 <sup>01</sup>	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: The Angular Power Spectrum. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 135-159	8	677
4 <sup>00</sup>	Three-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Polarization Analysis. <i>Astrophysical Journal, Supplement Series</i> , <b>2007</b> , 170, 335-376	8	618

399	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Tests of Gaussianity. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 119-134	8	491
398	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Parameter Estimation Methodology. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 195-211	8	440
397	SEVEN-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE ( WMAP ) OBSERVATIONS: ARE THERE COSMIC MICROWAVE BACKGROUND ANOMALIES?. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 192, 17	8	406
396	The Primordial Inflation Explorer (PIXIE): a nulling polarimeter for cosmic microwave background observations. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2011</b> , 2011, 025-025	6.4	393
395	The Microwave Anisotropy Probe Mission. <i>Astrophysical Journal</i> , <b>2003</b> , 583, 1-23	4.7	368
394	The Atacama Cosmology Telescope: Sunyaev-Zel'dovich selected galaxy clusters at 148 GHz from three seasons of data. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2013</b> , 2013, 008-008	6.4	338
393	The Simons Observatory: science goals and forecasts. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 056-056	6.4	325
392	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGICAL PARAMETERS FROM THE 2008 POWER SPECTRUM. <i>Astrophysical Journal</i> , <b>2011</b> , 739, 52	4.7	311
391	SEVEN-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE ( WMAP ) OBSERVATIONS: GALACTIC FOREGROUND EMISSION. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 192, 15	8	298
390	FIVE-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE OBSERVATIONS: ANGULAR POWER SPECTRA. <i>Astrophysical Journal, Supplement Series</i> , <b>2009</b> , 180, 296-305	8	265
389	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Interpretation of the TT and TE Angular Power Spectrum Peaks. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 233-241	8	230
388	THE ATACAMA COSMOLOGY TELESCOPE: SUNYAEV-ZEL'DOVICH-SELECTED GALAXY CLUSTERS AT 148 GHz IN THE 2008 SURVEY. <i>Astrophysical Journal</i> , <b>2011</b> , 737, 61	4.7	206
387	Detection of the power spectrum of cosmic microwave background lensing by the Atacama Cosmology Telescope. <i>Physical Review Letters</i> , <b>2011</b> , 107, 021301	7.4	198
386	Advanced ACTPol Cryogenic Detector Arrays and Readout. <i>Journal of Low Temperature Physics</i> , <b>2016</b> , 184, 772-779	1.3	195
385	The Atacama Cosmology Telescope: cosmological parameters from three seasons of data. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2013</b> , 2013, 060-060	6.4	190
384	Neutrino physics from the cosmic microwave background and large scale structure. <i>Astroparticle Physics</i> , <b>2015</b> , 63, 66-80	2.4	187
383	The Atacama Cosmology Telescope: temperature and gravitational lensing power spectrum measurements from three seasons of data. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2014</b> , 2014, 014-014	6.4	177
382	FIVE-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE OBSERVATIONS: GALACTIC FOREGROUND EMISSION. <i>Astrophysical Journal, Supplement Series</i> , <b>2009</b> , 180, 265-282	8	168

381	A Measurement of the Angular Power Spectrum of the Anisotropy in the Cosmic Microwave Background. <i>Astrophysical Journal</i> , <b>1997</b> , 474, 47-66	4.7	167
380	First Year Wilkinson Microwave Anisotropy Probe Observations: Dark Energy Induced Correlation with Radio Sources. <i>Astrophysical Journal</i> , <b>2004</b> , 608, 10-15	4.7	164
379	ARCADE 2 MEASUREMENT OF THE ABSOLUTE SKY BRIGHTNESS AT 3-90 GHz. <i>Astrophysical Journal</i> , <b>2011</b> , 734, 5	4.7	156
378	Evidence of galaxy cluster motions with the kinematic Sunyaev-Zel'dovich effect. <i>Physical Review Letters</i> , <b>2012</b> , 109, 041101	7.4	156
377	OVERVIEW OF THE ATACAMA COSMOLOGY TELESCOPE: RECEIVER, INSTRUMENTATION, AND TELESCOPE SYSTEMS. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 194, 41	8	149
376	Three-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Beam Profiles, Data Processing, Radiometer Characterization, and Systematic Error Limits. <i>Astrophysical Journal, Supplement Series</i> , <b>2007</b> , 170, 263-287	8	139
375	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Beam Profiles and Window Functions. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 39-50	8	134
374	THE ATACAMA COSMOLOGY TELESCOPE: ACT-CL J0102-915 EL GORDO, A MASSIVE MERGING CLUSTER AT REDSHIFT 0.87. <i>Astrophysical Journal</i> , <b>2012</b> , 748, 7	4.7	132
373	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Data Processing Methods and Systematic Error Limits. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 63-95	8	131
372	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGY FROM GALAXY CLUSTERS DETECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT. <i>Astrophysical Journal</i> , <b>2011</b> , 732, 44	4.7	128
371	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE COSMIC MICROWAVE BACKGROUND POWER SPECTRUM AT 148 AND 218 GHz FROM THE 2008 SOUTHERN SURVEY. <i>Astrophysical Journal</i> , <b>2011</b> , 729, 62	4.7	127
370	ACTPol: a polarization-sensitive receiver for the Atacama Cosmology Telescope <b>2010</b> ,		127
369	Galactic Microwave Emission at Degree Angular Scales. <i>Astrophysical Journal</i> , <b>1997</b> , 482, L17-L20	4.7	122
368	THE ATACAMA COSMOLOGY TELESCOPE: THE POLARIZATION-SENSITIVE ACTPOL INSTRUMENT. <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 227, 21	8	120
367	SEVEN-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE ( WMAP ) OBSERVATIONS: PLANETS AND CELESTIAL CALIBRATION SOURCES. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 192, 19	8	119
366	The Atacama Cosmology Telescope: DR4 maps and cosmological parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 047-047	6.4	114
365	The Atacama Cosmology Telescope: CMB polarization at 200 Journal of Cosmology and Astroparticle Physics, <b>2014</b> , 2014, 007-007	6.4	106
364	FIVE-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE OBSERVATIONS: SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , <b>2009</b> , 180, 283-295	8	105

363	The Atacama Cosmology Telescope: likelihood for small-scale CMB data. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2013</b> , 2013, 025-025	6.4	104
362	Evidence for dark energy from the cosmic microwave background alone using the Atacama Cosmology Telescope lensing measurements. <i>Physical Review Letters</i> , <b>2011</b> , 107, 021302	7.4	96
361	The Atacama Cosmology Telescope: two-season ACTPol spectra and parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 031-031	6.4	95
360	Three-Year Wilkinson Microwave Anisotropy Probe (WMAP) Observations: Foreground Polarization. <i>Astrophysical Journal</i> , <b>2007</b> , 665, 355-362	4.7	95
359	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE 600 GHz $\tau_{0.1}$ . <i>Astrophysical Journal</i> , <b>2010</b> , 722, 1148-1161	4.7	94
358	The Atacama Cosmology Telescope: The Two-season ACTPol Sunyaev-Zel'dovich Effect Selected Cluster Catalog. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 235, 20	8	93
357	THE ATACAMA COSMOLOGY TELESCOPE: DYNAMICAL MASSES AND SCALING RELATIONS FOR A SAMPLE OF MASSIVE SUNYAEV-ZEL'DOVICH EFFECT SELECTED GALAXY CLUSTERS. <i>Astrophysical Journal</i> , <b>2013</b> , 772, 25	4.7	90
356	FIVE-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE (WMAP) OBSERVATIONS: BAYESIAN ESTIMATION OF COSMIC MICROWAVE BACKGROUND POLARIZATION MAPS. <i>Astrophysical Journal</i> , <b>2009</b> , 701, 1804-1813	4.7	89
355	THE ATACAMA COSMOLOGY TELESCOPE: PHYSICAL PROPERTIES AND PURITY OF A GALAXY CLUSTER SAMPLE SELECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT. <i>Astrophysical Journal</i> , <b>2010</b> , 723, 1523-1541	4.7	88
354	Design, Implementation, and Testing of the Microwave Anisotropy Probe Radiometers. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 145, 413-436	8	87
353	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE PRIMORDIAL POWER SPECTRUM. <i>Astrophysical Journal</i> , <b>2012</b> , 749, 90	4.7	86
352	Two-season Atacama Cosmology Telescope polarimeter lensing power spectrum. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	81
351	INTERPRETATION OF THE ARCADE 2 ABSOLUTE SKY BRIGHTNESS MEASUREMENT. <i>Astrophysical Journal</i> , <b>2011</b> , 734, 6	4.7	79
350	The Atacama Cosmology Telescope: Cross-correlation of cosmic microwave background lensing and quasars. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	79
349	The anisotropy in the cosmic microwave background at degree angular scales. <i>Astrophysical Journal</i> , <b>1995</b> , 445, L69	4.7	77
348	Precision epoch of reionization studies with next-generation CMB experiments. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2014</b> , 2014, 010-010	6.4	76
347	Inflation physics from the cosmic microwave background and large scale structure. <i>Astroparticle Physics</i> , <b>2015</b> , 63, 55-65	2.4	74
346	CLASS: the cosmology large angular scale surveyor <b>2014</b> ,		72

345	THE ATACAMA COSMOLOGY TELESCOPE: EXTRAGALACTIC SOURCES AT 148 GHz IN THE 2008 SURVEY. <i>Astrophysical Journal</i> , <b>2011</b> , 731, 100	4.7	71
344	Evidence for the kinematic Sunyaev-Zel'dovich effect with the Atacama Cosmology Telescope and velocity reconstruction from the Baryon Oscillation Spectroscopic Survey. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	70
343	THE ATACAMA COSMOLOGY TELESCOPE (ACT): BEAM PROFILES AND FIRST SZ CLUSTER MAPS. <i>Astrophysical Journal, Supplement Series</i> , <b>2010</b> , 191, 423-438	8	70
342	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: On-Orbit Radiometer Characterization. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 29-37	8	69
341	The Optical Design and Characterization of the Microwave Anisotropy Probe. <i>Astrophysical Journal</i> , <b>2003</b> , 585, 566-586	4.7	66
340	Cosmological parameters from pre-planck cosmic microwave background measurements. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	64
339	FIVE-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE OBSERVATIONS: BEAM MAPS AND WINDOW FUNCTIONS. <i>Astrophysical Journal, Supplement Series</i> , <b>2009</b> , 180, 246-264	8	64
338	A Measurement of the Anisotropy in the Cosmic Microwave Background Radiation at Degree Angular Scales. <i>Astrophysical Journal</i> , <b>1993</b> , 419, L49	4.7	63
337	Large-aperture wide-bandwidth antireflection-coated silicon lenses for millimeter wavelengths. <i>Applied Optics</i> , <b>2013</b> , 52, 8747-58	1.7	61
336	Evidence of lensing of the cosmic microwave background by dark matter halos. <i>Physical Review Letters</i> , <b>2015</b> , 114, 151302	7.4	60
335	THE ATACAMA COSMOLOGY TELESCOPE: DATA CHARACTERIZATION AND MAPMAKING. <i>Astrophysical Journal</i> , <b>2013</b> , 762, 10	4.7	58
334	THE ATACAMA COSMOLOGY TELESCOPE: LENSING OF CMB TEMPERATURE AND POLARIZATION DERIVED FROM COSMIC INFRARED BACKGROUND CROSS-CORRELATION. <i>Astrophysical Journal</i> , <b>2015</b> , 808, 7	4.7	57
333	Infrared dielectric properties of low-stress silicon nitride. <i>Optics Letters</i> , <b>2012</b> , 37, 4200-2	3	55
332	ARCADE 2 OBSERVATIONS OF GALACTIC RADIO EMISSION. <i>Astrophysical Journal</i> , <b>2011</b> , 734, 4	4.7	54
331	Detection of the pairwise kinematic Sunyaev-Zel'dovich effect with BOSS DR11 and the Atacama Cosmology Telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 008-008	6.4	53
330	The Atacama Cosmology Telescope: a measurement of the Cosmic Microwave Background power spectra at 98 and 150 GHz. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 045-045	6.4	53
329	First measurement of the cross-correlation of CMB lensing and galaxy lensing. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	51
328	Weak-lensing Mass Calibration of ACTPol Sunyaev-Zel'dovich Clusters with the Hyper Suprime-Cam Survey. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 63	4.7	50



327	A Broadband Planar Magic-T Using Microstrip Slotline Transitions. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2008</b> , 56, 172-177	4.1	50
326	HAWC+, the Far-Infrared Camera and Polarimeter for SOFIA. <i>Journal of Astronomical Instrumentation</i> , <b>2018</b> , 07, 1840008	0.8	47
325	THE ATACAMA COSMOLOGY TELESCOPE: DETECTION OF SUNYAEV-ZEL'DOVICH DECREMENT IN GROUPS AND CLUSTERS ASSOCIATED WITH LUMINOUS RED GALAXIES. <i>Astrophysical Journal</i> , <b>2011</b> , 736, 39	4.7	45
324	HAWC+/SOFIA Multiwavelength Polarimetric Observations of OMC-1. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 187	4.7	44
323	The Atacama Cosmology Telescope: A Catalog of >4000 Sunyaev-Zeldovich Galaxy Clusters. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 253, 3	8	44
322	Updated Design of the CMB Polarization Experiment Satellite LiteBIRD. <i>Journal of Low Temperature Physics</i> , <b>2020</b> , 199, 1107-1117	1.3	43
321	Weak-lensing mass calibration of the Atacama Cosmology Telescope equatorial Sunyaev-Zeldovich cluster sample with the Canada-France-Hawaii telescope stripe 82 survey. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 013-013	6.4	43
320	THE ATACAMA COSMOLOGY TELESCOPE: PHYSICAL PROPERTIES OF SUNYAEV-ZEL'DOVICH EFFECT CLUSTERS ON THE CELESTIAL EQUATOR,. <i>Astrophysical Journal</i> , <b>2013</b> , 765, 67	4.7	42
319	An Instrument for Investigation of the Cosmic Microwave Background Radiation at Intermediate Angular Scales. <i>Astrophysical Journal</i> , <b>1997</b> , 476, 440-457	4.7	42
318	First-Year Wilkinson Microwave Anisotropy Probe ( WMAP ) Observations: Galactic Signal Contamination from Sidelobe Pickup. <i>Astrophysical Journal, Supplement Series</i> , <b>2003</b> , 148, 51-62	8	42
317	Millimeter-wave antireflection coating for cryogenic silicon lenses. <i>Applied Optics</i> , <b>2006</b> , 45, 3746-51	1.7	39
316	The Atacama Cosmology Telescope: dusty star-forming galaxies and active galactic nuclei in the Southern survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 439, 1556-1574	4.3	37
315	THE Q/U IMAGING EXPERIMENT INSTRUMENT. <i>Astrophysical Journal</i> , <b>2013</b> , 768, 9	4.7	37
314	Properties of a variable-delay polarization modulator. <i>Applied Optics</i> , <b>2012</b> , 51, 197-208	1.7	36
313	THE ATACAMA COSMOLOGY TELESCOPE: RELATION BETWEEN GALAXY CLUSTER OPTICAL RICHNESS AND SUNYAEV-ZEL'DOVICH EFFECT. <i>Astrophysical Journal</i> , <b>2013</b> , 767, 38	4.7	35
312	THE ARCADE 2 INSTRUMENT. <i>Astrophysical Journal</i> , <b>2011</b> , 730, 138	4.7	35
311	A Low Cross-Polarization Smooth-Walled Horn With Improved Bandwidth. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2010</b> , 58, 1383-1387	4.9	35
310	The Atacama Cosmology Telescope: dynamical masses for 44 SZ-selected galaxy clusters over 755 square degrees. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 461, 248-270	4.3	35

309	A High-Resolution Map of the Cosmic Microwave Background around the North Celestial Pole. <i>Astrophysical Journal</i> , <b>1997</b> , 474, L77-L80	4-7	34
308	SpIES: THE SPITZER IRAC EQUATORIAL SURVEY. <i>Astrophysical Journal, Supplement Series</i> , <b>2016</b> , 225, 1	8	33
307	The Atacama Cosmology Telescope: measuring radio galaxy bias through cross-correlation with lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 849-858	4-3	32
306	A measurement of the millimetre emission and the Sunyaev-Zel'dovich effect associated with low-frequency radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 445, 460-478	4-3	32
305	Electromagnetic and Thermal Properties of a Conductively Loaded Epoxy. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , <b>2008</b> , 29, 51-61		32
304	Measurement of the splashback feature around SZ-selected Galaxy clusters with DES, SPT, and ACT. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 2900-2918	4-3	31
303	THE GISMO TWO-MILLIMETER DEEP FIELD IN GOODS-N. <i>Astrophysical Journal</i> , <b>2014</b> , 790, 77	4-7	31
302	THE ATACAMA COSMOLOGY TELESCOPE: BEAM MEASUREMENTS AND THE MICROWAVE BRIGHTNESS TEMPERATURES OF URANUS AND SATURN. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 209, 17	8	31
301	POWER-LAW TEMPLATE FOR INFRARED POINT-SOURCE CLUSTERING. <i>Astrophysical Journal</i> , <b>2012</b> , 752, 120	4-7	31
300	The Simons Observatory: instrument overview <b>2018</b> ,		31
299	The Cosmology Large Angular Scale Surveyor <b>2016</b> ,		30
298	Atacama Cosmology Telescope: A measurement of the thermal Sunyaev-Zel'dovich effect using the skewness of the CMB temperature distribution. <i>Physical Review D</i> , <b>2012</b> , 86,	4-9	30
297	THE ATACAMA COSMOLOGY TELESCOPE: CALIBRATION WITH THE WILKINSON MICROWAVE ANISOTROPY PROBE USING CROSS-CORRELATIONS. <i>Astrophysical Journal</i> , <b>2011</b> , 740, 86	4-7	29
296	The cosmology large angular scale surveyor (CLASS): 40 GHz optical design <b>2012</b> ,		29
295	Atacama Cosmology Telescope: Combined kinematic and thermal Sunyaev-Zel'dovich measurements from BOSS CMASS and LOWZ halos. <i>Physical Review D</i> , <b>2021</b> , 103,	4-9	29
294	ALMn Transition Edge Sensors for Advanced ACTPol. <i>Journal of Low Temperature Physics</i> , <b>2016</b> , 184, 66-73		28
293	A Space-based Observational Strategy for Characterizing the First Stars and Galaxies Using the Redshifted 21 cm Global Spectrum. <i>Astrophysical Journal</i> , <b>2017</b> , 844, 33	4-7	28
292	The Atacama Cosmology Telescope: cross correlation with Planck maps. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2014</b> , 2014, 016-016	6.4	27



291	A Kilopixel Array of TES Bolometers for ACT: Development, Testing, and First Light. <i>Journal of Low Temperature Physics</i> , <b>2008</b> , 151, 690-696	1.3	27
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135	Feedhorn development and scalability for Simons Observatory and beyond <b>2018</b> ,		5
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133	Performance of the advanced ACTPol low frequency array <b>2018</b> ,		5
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124	Composite reflective/absorptive IR-blocking filters embedded in metamaterial antireflection-coated silicon. <i>Applied Optics</i> , <b>2017</b> , 56, 5349-5354	0.2	4
123	Photonic choke-joints for dual-polarization waveguides <b>2010</b> ,		4
122	Superconducting Films for Absorber-Coupled MKID Detectors for Sub-Millimeter and Far-Infrared Astronomy. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2009</b> , 19, 561-564	1.8	4
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120	Systems and control software for the Atacama Cosmology Telescope <b>2008</b> ,		4
119	Sensitivity Measurements of a Transition-Edge Hot-Electron Microbolometer for Millimeter-Wave Astrophysical Observations. <i>Journal of Low Temperature Physics</i> , <b>2008</b> , 151, 173-179	1.3	4
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66	A large free-standing wire grid for microwave variable-delay polarization modulation <b>2008</b> ,		2
65	Design and performance of a high-throughput cryogenic detector system <b>2008</b> ,		2
64	Technology developments toward large format long wavelength bolometer arrays <b>2007</b> ,		2
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56	Overview of the medium and high frequency telescopes of the LiteBIRD space mission <b>2020</b> ,		2
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