

Lindsey Bleem

List of Publications by Year in descending order

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142
papers

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22153

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#	ARTICLE	IF	CITATIONS
1	CMB/ksZ and Compton-y Maps from 2500 deg ² of SPT-SZ and Planck Survey Data. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 36.	7.7	22
2	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. <i>Astrophysical Journal</i> , 2022, 926, 54.	4.5	79
3	The Design and Integrated Performance of SPT-3G. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 42.	7.7	29
4	Shocks in the stacked Sunyaev-Zel'dovich profiles of clusters II: Measurements from SPT-SZ + Planck Compton-y map. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1645-1663.	4.4	15
5	Improving Cosmological Constraints from Galaxy Cluster Number Counts with CMB-cluster-lensing Data: Results from the SPT-SZ Survey and Forecasts for the Future. <i>Astrophysical Journal</i> , 2022, 931, 139.	4.5	5
6	An Improved Measurement of the Secondary Cosmic Microwave Background Anisotropies from the SPT-SZ + SPTpol Surveys. <i>Astrophysical Journal</i> , 2021, 908, 199.	4.5	52
7	Evolution of the Thermodynamic Properties of Clusters of Galaxies out to Redshift of 1.8. <i>Astrophysical Journal</i> , 2021, 910, 14.	4.5	18
8	Core Mass Estimates in Strong Lensing Galaxy Clusters Using a Single-halo Lens Model. <i>Astrophysical Journal</i> , 2021, 910, 146.	4.5	3
9	Mass calibration of distant SPT galaxy clusters through expanded weak-lensing follow-up observations with HST, VLT, & Gemini-South. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3923-3943.	4.4	14
10	Detection of Galactic and Extragalactic Millimeter-wavelength Transient Sources with SPT-3G. <i>Astrophysical Journal</i> , 2021, 916, 98.	4.5	16
11	Stability of Cool Cores during Galaxy Cluster Growth: A Joint Chandra/SPT Analysis of 67 Galaxy Clusters along a Common Evolutionary Track Spanning 9 Gyr. <i>Astrophysical Journal</i> , 2021, 918, 43.	4.5	13
12	Core Mass Estimates in Strong Lensing Galaxy Clusters: A Comparison between Masses Obtained from Detailed Lens Models, Single-halo Lens Models, and Einstein Radii. <i>Astrophysical Journal</i> , 2021, 920, 98.	4.5	3
13	Optimal Cosmic Microwave Background Lensing Reconstruction and Parameter Estimation with SPTpol Data. <i>Astrophysical Journal</i> , 2021, 922, 259.	4.5	21
14	An X-ray detection of star formation in a highly magnified giant arc. <i>Nature Astronomy</i> , 2020, 4, 159-166.	10.1	8
15	Strong Lensing Model of SPT-CL J0356+5337, a Major Merger Candidate at Redshift 1.0359. <i>Astrophysical Journal</i> , 2020, 894, 150.	4.5	7
16	Galaxy Clusters Selected via the Sunyaev-Zel'dovich Effect in the SPTpol 100-square-degree Survey. <i>Astronomical Journal</i> , 2020, 159, 110.	4.7	41
17	Constraining the masses of high-redshift clusters with weak lensing: Revised shape calibration testing for the impact of stronger shears and increased blending. <i>Astronomy and Astrophysics</i> , 2020, 640, A117.	5.1	7
18	Constraints on Cosmological Parameters from the 500 deg ² SPTPOL Lensing Power Spectrum. <i>Astrophysical Journal</i> , 2020, 888, 119.	4.5	52

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19	Millimeter-wave Point Sources from the 2500 Square Degree SPT-SZ Survey: Catalog and Population Statistics. <i>Astrophysical Journal</i> , 2020, 900, 55.	4.5	40
20	Efficient Mass Estimate at the Core of Strong Lensing Galaxy Clusters Using the Einstein Radius. <i>Astrophysical Journal</i> , 2020, 902, 44.	4.5	4
21	The SPTpol Extended Cluster Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 25.	7.7	101
22	Measurements of the Cross-spectra of the Cosmic Infrared and Microwave Backgrounds from 95 to 1200 GHz. <i>Astrophysical Journal</i> , 2019, 881, 96.	4.5	8
23	Fractional polarization of extragalactic sources in the 500 deg^2 SPTpol survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5712-5721.	4.4	20
24	Detection of CMB-Cluster Lensing using Polarization Data from SPTpol. <i>Physical Review Letters</i> , 2019, 123, 181301.	7.8	12
25	Spectroscopic Confirmation of Five Galaxy Clusters at $z \gtrsim 1.25$ in the 2500 deg^2 SPT-SZ Survey. <i>Astrophysical Journal</i> , 2019, 870, 7.	4.5	18
26	X-Ray Properties of SPT-selected Galaxy Clusters at $0.2 < z < 1.5$ Observed with XMM-Newton. <i>Astrophysical Journal</i> , 2019, 871, 50.	4.5	74
27	Cosmological lensing ratios with DES Y1, SPT, and Planck. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1363-1379.	4.4	16
28	Cluster Cosmology Constraints from the 2500 deg^2 SPT-SZ Survey: Inclusion of Weak Gravitational Lensing Data from Magellan and the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2019, 878, 55.	4.5	211
29	Mass Calibration of Optically Selected DES Clusters Using a Measurement of CMB-cluster Lensing with SPTpol Data. <i>Astrophysical Journal</i> , 2019, 872, 170.	4.5	28
30	Galaxy populations in the most distant SPT-SZ clusters. <i>Astronomy and Astrophysics</i> , 2019, 622, A117.	5.1	45
31	Sunyaev-Zeldovich effect and X-ray scaling relations from weak lensing mass calibration of 32 South Pole Telescope selected galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2871-2906.	4.4	60
32	Discovery of a Powerful $>10^{61}$ erg AGN Outburst in the Distant Galaxy Cluster SPT-CLJ0528-5300. <i>Astrophysical Journal Letters</i> , 2019, 887, L17.	8.3	9
33	A Measurement of the Cosmic Microwave Background Lensing Potential and Power Spectrum from 500 deg^2 of SPTpol Temperature and Polarization Data. <i>Astrophysical Journal</i> , 2019, 884, 70.	4.5	71
34	Galaxy kinematics and mass calibration in massive SZE-selected galaxy clusters to $z \lesssim 1.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1043-1061.	4.4	25
35	Measurements of the Temperature and E-mode Polarization of the CMB from 500 Square Degrees of SPTpol Data. <i>Astrophysical Journal</i> , 2018, 852, 97.	4.5	145
36	A Comparison of Maps and Power Spectra Determined from South Pole Telescope and Planck Data. <i>Astrophysical Journal</i> , 2018, 853, 3.	4.5	18

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37	Maps of the Southern Millimeter-wave Sky from Combined 2500 deg ² SPT-SZ and Planck Temperature Data. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 10.	7.7	28
38	SPT-3G: A Multichroic Receiver for the South Pole Telescope. <i>Journal of Low Temperature Physics</i> , 2018, 193, 1057-1065.	1.4	27
39	Cluster mass calibration at high redshift: HST weak lensing analysis of 13 distant galaxy clusters from the South Pole Telescope Sunyaev-Zel'dovich Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 2635-2678.	4.4	77
40	Constraints on Cosmological Parameters from the Angular Power Spectrum of a Combined 2500 deg ² SPT-SZ and Planck Gravitational Lensing Map. <i>Astrophysical Journal</i> , 2018, 860, 137.	4.5	25
41	Optimization of Transition Edge Sensor Arrays for Cosmic Microwave Background Observations With the South Pole Telescope. <i>IEEE Transactions on Applied Superconductivity</i> , 2017, 27, 1-4.	1.7	16
42	CMB Polarization B-mode Delensing with SPTpol and Herschel. <i>Astrophysical Journal</i> , 2017, 846, 45.	4.5	48
43	The Remarkable Similarity of Massive Galaxy Clusters from $z \approx 0$ to $z \approx 1.9$. <i>Astrophysical Journal</i> , 2017, 843, 28.	4.5	106
44	A 2500 deg ² CMB Lensing Map from Combined South Pole Telescope and Planck Data. <i>Astrophysical Journal</i> , 2017, 849, 124.	4.5	49
45	A Comparison of Cosmological Parameters Determined from CMB Temperature Power Spectra from the South Pole Telescope and the Planck Satellite. <i>Astrophysical Journal</i> , 2017, 850, 101.	4.5	53
46	MILLIMETER TRANSIENT POINT SOURCES IN THE SPTpol 100 SQUARE DEGREE SURVEY. <i>Astrophysical Journal</i> , 2016, 830, 143.	4.5	19
47	SIMULATIONS OF THE PAIRWISE KINEMATIC SUNYAEV-ZEL'DOVICH SIGNAL. <i>Astrophysical Journal</i> , 2016, 823, 98.	4.5	32
48	COSMOLOGICAL CONSTRAINTS FROM GALAXY CLUSTERS IN THE 2500 SQUARE-DEGREE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2016, 832, 95.	4.5	179
49	MAPS OF THE MAGELLANIC CLOUDS FROM COMBINED SOUTH POLE TELESCOPE AND PLANCK DATA. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 23.	7.7	10
50	Large arrays of dual-polarized multichroic TES detectors for CMB measurements with the SPT-3G receiver. , 2016, , .		9
51	SPT-GMOS: A GEMINI/GMOS-SOUTH SPECTROSCOPIC SURVEY OF GALAXY CLUSTERS IN THE SPT-SZ SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 3.	7.7	36
52	Cross-correlation of gravitational lensing from DES Science Verification data with SPT and Planck lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 21-34.	4.4	46
53	STAR-FORMING BRIGHTEST CLUSTER GALAXIES AT $0.25 < z < 1.25$: A TRANSITIONING FUEL SUPPLY. <i>Astrophysical Journal</i> , 2016, 817, 86.	4.5	70
54	THE EVOLUTION OF THE INTRACLUSTER MEDIUM METALLICITY IN SUNYAEV ZEL'DOVICH-SELECTED GALAXY CLUSTERS AT $0 < z < 1.5$. <i>Astrophysical Journal</i> , 2016, 826, 124.	4.5	63

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55	Integrated performance of a frequency domain multiplexing readout in the SPT-3G receiver. Proceedings of SPIE, 2016, , .	0.8	15
56	Baryon content of massive galaxy clusters at $0.57 < z < 1.33$. Monthly Notices of the Royal Astronomical Society, 2016, 455, 258-275.	4.4	54
57	Probing star formation in the dense environments of $z \sim 1$ lensing haloes aligned with dusty star-forming galaxies detected with the South Pole Telescope. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1629-1646.	4.4	15
58	Detection of enhancement in number densities of background galaxies due to magnification by massive galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2016, 457, 3050-3065.	4.4	26
59	MEASUREMENTS OF E-MODE POLARIZATION AND TEMPERATURE-E-MODE CORRELATION IN THE COSMIC MICROWAVE BACKGROUND FROM 100 SQUARE DEGREES OF SPTPOL DATA. Astrophysical Journal, 2015, 805, 36.	4.5	47
60	Analysis of Sunyaev-Zel'dovich effect mass-observable relations using South Pole Telescope observations of an X-ray selected sample of low-mass galaxy clusters and groups. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2085-2099.	4.4	18
61	A MEASUREMENT OF SECONDARY COSMIC MICROWAVE BACKGROUND ANISOTROPIES FROM THE 2500 SQUARE-DEGREE SPT-SZ SURVEY. Astrophysical Journal, 2015, 799, 177.	4.5	183
62	MEASUREMENT OF GALAXY CLUSTER INTEGRATED COMPTONIZATION AND MASS SCALING RELATIONS WITH THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2015, 799, 137.	4.5	7
63	MASS CALIBRATION AND COSMOLOGICAL ANALYSIS OF THE SPT-SZ GALAXY CLUSTER SAMPLE USING VELOCITY DISPERSION AND X-RAY MEASUREMENTS. Astrophysical Journal, 2015, 799, 214.	4.5	120
64	Low Loss Superconducting Microstrip Development at Argonne National Lab. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	8
65	GALAXY CLUSTERS DISCOVERED VIA THE SUNYAEV-ZEL'DOVICH EFFECT IN THE 2500-SQUARE-DEGREE SPT-SZ SURVEY. Astrophysical Journal, Supplement Series, 2015, 216, 27.	7.7	464
66	A NEW REDUCTION OF THE BLANCO COSMOLOGY SURVEY: AN OPTICALLY SELECTED GALAXY CLUSTER CATALOG AND A PUBLIC RELEASE OF OPTICAL DATA PRODUCTS. Astrophysical Journal, Supplement Series, 2015, 216, 20.	7.7	60
67	MEASUREMENTS OF SUB-DEGREE ℓ -MODE POLARIZATION IN THE COSMIC MICROWAVE BACKGROUND FROM 100 SQUARE DEGREES OF SPTPOL DATA. Astrophysical Journal, 2015, 807, 151.	4.5	117
68	X-RAY CAVITIES IN A SAMPLE OF 83 SPT-SELECTED CLUSTERS OF GALAXIES: TRACING THE EVOLUTION OF AGN FEEDBACK IN CLUSTERS OF GALAXIES OUT TO $z = 1.2$. Astrophysical Journal, 2015, 805, 35.	4.5	115
69	Fabrication of large dual-polarized multichroic TES bolometer arrays for CMB measurements with the SPT-3G camera. Superconductor Science and Technology, 2015, 28, 094002.	3.5	29
70	A MEASUREMENT OF THE COSMIC MICROWAVE BACKGROUND GRAVITATIONAL LENSING POTENTIAL FROM 100 SQUARE DEGREES OF SPTPOL DATA. Astrophysical Journal, 2015, 810, 50.	4.5	99
71	A MEASUREMENT OF GRAVITATIONAL LENSING OF THE COSMIC MICROWAVE BACKGROUND BY GALAXY CLUSTERS USING DATA FROM THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2015, 806, 247.	4.5	66
72	SPT-3G: a next-generation cosmic microwave background polarization experiment on the South Pole telescope. Proceedings of SPIE, 2014, , .	0.8	249

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73	SPT-CL J2040+4451: AN SZ-SELECTED GALAXY CLUSTER AT $z = 1.478$ WITH SIGNIFICANT ONGOING STAR FORMATION. <i>Astrophysical Journal</i> , 2014, 794, 12.	4.5	42
74	OPTICAL SPECTROSCOPY AND VELOCITY DISPERSIONS OF GALAXY CLUSTERS FROM THE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2014, 792, 45.	4.5	103
75	THE REDSHIFT EVOLUTION OF THE MEAN TEMPERATURE, PRESSURE, AND ENTROPY PROFILES IN 80 SPT-SELECTED GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2014, 794, 67.	4.5	90
76	A MEASUREMENT OF THE SECONDARY-CMB AND MILLIMETER-WAVE-FOREGROUND BISPECTRUM USING 800 deg^2 OF SOUTH POLE TELESCOPE DATA. <i>Astrophysical Journal</i> , 2014, 784, 143.	4.5	49
77	A Study of Mn Transition Edge Sensor Engineering for Stability. <i>Journal of Low Temperature Physics</i> , 2014, 176, 383-391.	1.4	10
78	CONSTRAINTS ON COSMOLOGY FROM THE COSMIC MICROWAVE BACKGROUND POWER SPECTRUM OF THE 2500 deg^2 SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2014, 782, 74.	4.5	189
79	Constraints on the CMB temperature evolution using multiband measurements of the Sunyaev-Zel'dovich effect with the South Pole Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2610-2615.	4.4	51
80	Detection of B -Mode Polarization in the Cosmic Microwave Background with Data from the South Pole Telescope. <i>Physical Review Letters</i> , 2013, 111, 141301.	7.8	280
81	A COSMIC MICROWAVE BACKGROUND LENSING MASS MAP AND ITS CORRELATION WITH THE COSMIC INFRARED BACKGROUND. <i>Astrophysical Journal Letters</i> , 2013, 771, L16.	8.3	76
82	Dusty starburst galaxies in the early Universe as revealed by gravitational lensing. <i>Nature</i> , 2013, 495, 344-347.	27.8	255
83	THE SPITZER SOUTH POLE TELESCOPE DEEP FIELD: SURVEY DESIGN AND INFRARED ARRAY CAMERA CATALOGS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 22.	7.7	41
84	THE GROWTH OF COOL CORES AND EVOLUTION OF COOLING PROPERTIES IN A SAMPLE OF 83 GALAXY CLUSTERS AT $0.3 < z < 1.2$ SELECTED FROM THE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2013, 774, 23.	4.5	144
85	EXTRAGALACTIC MILLIMETER-WAVE POINT-SOURCE CATALOG, NUMBER COUNTS AND STATISTICS FROM 771 deg^2 OF THE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2013, 779, 61.	4.5	115
86	ALMA REDSHIFTS OF MILLIMETER-SELECTED GALAXIES FROM THE SPT SURVEY: THE REDSHIFT DISTRIBUTION OF DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013, 767, 88.	4.5	232
87	A DIRECT MEASUREMENT OF THE LINEAR BIAS OF MID-INFRARED-SELECTED QUASARS AT $z \sim 1$ USING COSMIC MICROWAVE BACKGROUND LENSING. <i>Astrophysical Journal Letters</i> , 2013, 776, L41.	8.3	52
88	ALMA OBSERVATIONS OF SPT-DISCOVERED, STRONGLY LENSED, DUSTY, STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2013, 767, 132.	4.5	109
89	A MEASUREMENT OF THE COSMIC MICROWAVE BACKGROUND DAMPING TAIL FROM THE 2500-SQUARE-DEGREE SPT-SZ SURVEY. <i>Astrophysical Journal</i> , 2013, 779, 86.	4.5	240
90	GALAXY CLUSTERS DISCOVERED VIA THE SUNYAEV-ZEL'DOVICH EFFECT IN THE FIRST 720 SQUARE DEGREES OF THE SOUTH POLE TELESCOPE SURVEY. <i>Astrophysical Journal</i> , 2013, 763, 127.	4.5	240

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91	SPT-CL J0205-5829: A $z = 1.32$ EVOLVED MASSIVE GALAXY CLUSTER IN THE SOUTH POLE TELESCOPE SUNYAEV-ZEL'DOVICH EFFECT SURVEY. <i>Astrophysical Journal</i> , 2013, 763, 93.	4.5	54
92	COSMOLOGICAL CONSTRAINTS FROM SUNYAEV-ZEL'DOVICH-SELECTED CLUSTERS WITH X-RAY OBSERVATIONS IN THE FIRST 178° OF THE SOUTH POLE TELESCOPE SURVEY. <i>Astrophysical Journal</i> , 2013, 763, 147.	4.5	206
93	Frequency multiplexed superconducting quantum interference device readout of large bolometer arrays for cosmic microwave background measurements. <i>Review of Scientific Instruments</i> , 2012, 83, 073113.	1.3	110
94	Feedhorn-coupled TES polarimeter camera modules at 150 GHz for CMB polarization measurements with SPTpol. <i>Proceedings of SPIE</i> , 2012, , .	0.8	17
95	Performance and on-sky optical characterization of the SPTpol instrument. <i>Proceedings of SPIE</i> , 2012, , .	0.8	16
96	Design and characterization of 90 GHz feedhorn-coupled TES polarimeter pixels in the SPTPol camera. <i>Proceedings of SPIE</i> , 2012, , .	0.8	13
97	South Pole Telescope software systems: control, monitoring, and data acquisition. <i>Proceedings of SPIE</i> , 2012, , .	0.8	10
98	COSMIC MICROWAVE BACKGROUND CONSTRAINTS ON THE DURATION AND TIMING OF REIONIZATION FROM THE SOUTH POLE TELESCOPE. <i>Astrophysical Journal</i> , 2012, 756, 65.	4.5	128
99	HIGH-REDSHIFT COOL-CORE GALAXY CLUSTERS DETECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT IN THE SOUTH POLE TELESCOPE SURVEY. <i>Astrophysical Journal</i> , 2012, 761, 183.	4.5	29
100	A MEASUREMENT OF THE CORRELATION OF GALAXY SURVEYS WITH CMB LENSING CONVERGENCE MAPS FROM THE SOUTH POLE TELESCOPE. <i>Astrophysical Journal Letters</i> , 2012, 753, L9.	8.3	76
101	SUBMILLIMETER OBSERVATIONS OF MILLIMETER BRIGHT GALAXIES DISCOVERED BY THE SOUTH POLE TELESCOPE. <i>Astrophysical Journal</i> , 2012, 756, 101.	4.5	67
102	A massive, cooling-flow-induced starburst in the core of a luminous cluster of galaxies. <i>Nature</i> , 2012, 488, 349-352.	27.8	154
103	A MEASUREMENT OF SECONDARY COSMIC MICROWAVE BACKGROUND ANISOTROPIES WITH TWO YEARS OF SOUTH POLE TELESCOPE OBSERVATIONS. <i>Astrophysical Journal</i> , 2012, 755, 70.	4.5	228
104	REDSHIFTS, SAMPLE PURITY, AND BCG POSITIONS FOR THE GALAXY CLUSTER CATALOG FROM THE FIRST 720 SQUARE DEGREES OF THE SOUTH POLE TELESCOPE SURVEY. <i>Astrophysical Journal</i> , 2012, 761, 22.	4.5	89
105	SPTpol: an instrument for CMB polarization measurements with the South Pole Telescope. <i>Proceedings of SPIE</i> , 2012, , .	0.8	98
106	WEAK-LENSING MASS MEASUREMENTS OF FIVE GALAXY CLUSTERS IN THE SOUTH POLE TELESCOPE SURVEY USING MAGELLAN/MEGACAM. <i>Astrophysical Journal</i> , 2012, 758, 68.	4.5	42
107	A MEASUREMENT OF GRAVITATIONAL LENSING OF THE MICROWAVE BACKGROUND USING SOUTH POLE TELESCOPE DATA. <i>Astrophysical Journal</i> , 2012, 756, 142.	4.5	212
108	An All Silicon Feedhorn-Coupled Focal Plane for Cosmic Microwave Background Polarimetry. <i>Journal of Low Temperature Physics</i> , 2012, 167, 904-910.	1.4	18

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109	The 10 Meter South Pole Telescope. Publications of the Astronomical Society of the Pacific, 2011, 123, 568-581.	3.1	496
110	THE FIRST PUBLIC RELEASE OF SOUTH POLE TELESCOPE DATA: MAPS OF A 95 deg ² FIELD FROM 2008 OBSERVATIONS. Astrophysical Journal, 2011, 743, 90.	4.5	81
111	Stability of Al-Mn Transition Edge Sensors for Frequency Domain Multiplexing. IEEE Transactions on Applied Superconductivity, 2011, 21, 203-206.	1.7	10
112	IMPROVED CONSTRAINTS ON COSMIC MICROWAVE BACKGROUND SECONDARY ANISOTROPIES FROM THE COMPLETE 2008 SOUTH POLE TELESCOPE DATA. Astrophysical Journal, 2011, 736, 61.	4.5	86
113	SOUTH POLE TELESCOPE DETECTIONS OF THE PREVIOUSLY UNCONFIRMED <i>PLANCK</i> EARLY SUNYAEV-ZEL'DOVICH CLUSTERS IN THE SOUTHERN HEMISPHERE. Astrophysical Journal Letters, 2011, 735, L36.	8.3	28
114	X-RAY PROPERTIES OF THE FIRST SUNYAEV-ZEL'DOVICH EFFECT SELECTED GALAXY CLUSTER SAMPLE FROM THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2011, 738, 48.	4.5	137
115	DISCOVERY AND COSMOLOGICAL IMPLICATIONS OF SPT-CL J2106-5844, THE MOST MASSIVE KNOWN CLUSTER AT $z \approx 1$. Astrophysical Journal, 2011, 731, 86.	4.5	104
116	A SUNYAEV-ZEL'DOVICH-SELECTED SAMPLE OF THE MOST MASSIVE GALAXY CLUSTERS IN THE 2500 deg ² SOUTH POLE TELESCOPE SURVEY. Astrophysical Journal, 2011, 738, 139.	4.5	213
117	A MEASUREMENT OF THE DAMPING TAIL OF THE COSMIC MICROWAVE BACKGROUND POWER SPECTRUM WITH THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2011, 743, 28.	4.5	433
118	Analytical solutions for the design and evaluation of absorber-coupled waveguide bolometer detectors. , 2011, , .		0
119	ANGULAR POWER SPECTRA OF THE MILLIMETER-WAVELENGTH BACKGROUND LIGHT FROM DUSTY STAR-FORMING GALAXIES WITH THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2010, 718, 632-646.	4.5	122
120	SUNYAEV-ZEL'DOVICH CLUSTER PROFILES MEASURED WITH THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2010, 716, 1118-1135.	4.5	117
121	EXTRAGALACTIC MILLIMETER-WAVE SOURCES IN SOUTH POLE TELESCOPE SURVEY DATA: SOURCE COUNTS, CATALOG, AND STATISTICS FOR AN 87 SQUARE-DEGREE FIELD. Astrophysical Journal, 2010, 719, 763-783.	4.5	252
122	MEASUREMENTS OF SECONDARY COSMIC MICROWAVE BACKGROUND ANISOTROPIES WITH THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2010, 719, 1045-1066.	4.5	145
123	SPT-CL J0546-5345: A MASSIVE $z \approx 1$ GALAXY CLUSTER SELECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT WITH THE SOUTH POLE TELESCOPE. Astrophysical Journal, 2010, 721, 90-97.	4.5	94
124	OPTICAL REDSHIFT AND RICHNESS ESTIMATES FOR GALAXY CLUSTERS SELECTED WITH THE SUNYAEV-Zel'dovich EFFECT FROM 2008 SOUTH POLE TELESCOPE OBSERVATIONS. Astrophysical Journal, 2010, 723, 1736-1747.	4.5	59
125	GALAXY CLUSTERS SELECTED WITH THE SUNYAEV-ZEL'DOVICH EFFECT FROM 2008 SOUTH POLE TELESCOPE OBSERVATIONS. Astrophysical Journal, 2010, 722, 1180-1196.	4.5	285
126	SPTpol: an instrument for CMB polarization. , 2009, , .		30

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127	GALAXY CLUSTERS DISCOVERED WITH A SUNYAEV-ZEL'DOVICH EFFECT SURVEY. <i>Astrophysical Journal</i> , 2009, 701, 32-41.	4.5	228
128	IMPROVEMENT OF THE RICHNESS ESTIMATES OF maxBCG CLUSTERS. <i>Astrophysical Journal</i> , 2009, 703, 601-613.	4.5	77
129	Control of Membrane Thermal Transport Supporting Superconducting Detector Development. <i>IEEE Transactions on Applied Superconductivity</i> , 2009, 19, 489-492.	1.7	3
130	Low temperature thermal transport in partially perforated silicon nitride membranes. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	4
131	Development of Absorber Coupled TES Polarimeter at Millimeter Wavelengths. <i>IEEE Transactions on Applied Superconductivity</i> , 2009, 19, 544-547.	1.7	1
132	Characterizing and Modeling the Noise and Complex Impedance of Feedhorn-Coupled TES Polarimeters. , 2009, , .		4
133	Feedhorn-Coupled TES Polarimeters for Next-Generation CMB Instruments. <i>AIP Conference Proceedings</i> , 2009, , .	0.4	17
134	Design and Fabrication of Argonneâ•KICP Detectors for CMB Polarization. , 2009, , .		3
135	Optical Properties of Argonneâ•KICP TES Bolometers for CMB Polarimetry. , 2009, , .		0
136	Optical design of Argonneâ•KICP detectors for CMB polarization. , 2009, , .		3
137	SPT-SZ: a Sunyaev-Zel'dovich survey for galaxy clusters. , 2009, , .		1
138	Planar Orthomode Transducers for Feedhorn-coupled TES Polarimeters. , 2009, , .		17
139	Measurements of Bolometer Uniformity for Feedhorn Coupled TES Polarimeters. , 2009, , .		4
140	Optical properties of Feedhorn-coupled TES polarimeters for CMB polarimetry. , 2009, , .		8
141	South Pole Telescope optics. <i>Applied Optics</i> , 2008, 47, 4418.	2.1	59
142	MaxBCG: A Redâ€Sequence Galaxy Cluster Finder. <i>Astrophysical Journal</i> , 2007, 660, 221-238.	4.5	199