

Philip Mauskopf

List of Publications by Year in descending order

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194
papers

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38742

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195
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5977
citing authors

#	ARTICLE	IF	CITATIONS
1	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. <i>Astrophysical Journal</i> , 2022, 926, 54.	4.5	79
2	Search for Axionlike Dark Matter Using Solid-State Nuclear Magnetic Resonance. <i>Physical Review Letters</i> , 2021, 126, 141802.	7.8	51
3	The Thermal Sunyaev-Zeldovich Effect from Massive, Quiescent $0.5 < z < 1.5$ Galaxies. <i>Astrophysical Journal</i> , 2021, 913, 88.	4.5	11
4	Development of an Array of Kinetic Inductance Magnetometers (KIMs). <i>IEEE Transactions on Applied Superconductivity</i> , 2021, 31, 1-4.	1.7	1
5	Initial Design of a W-Band Superconducting Kinetic Inductance Qubit. <i>IEEE Transactions on Applied Superconductivity</i> , 2021, 31, 1-5.	1.7	9
6	An On-Chip Superconducting Kinetic Inductance Fourier Transform Spectrometer for Millimeter-Wave Astronomy. <i>Journal of Low Temperature Physics</i> , 2020, 199, 867-874.	1.4	5
7	Properties of a Nanowire Kinetic Inductance Detector Array. <i>Journal of Low Temperature Physics</i> , 2020, 199, 631-638.	1.4	1
8	Preflight Detector Characterization of BLAST-TNG. <i>Journal of Low Temperature Physics</i> , 2020, 200, 400-406.	1.4	2
9	Superconducting On-chip Fourier Transform Spectrometer. <i>Journal of Low Temperature Physics</i> , 2020, 200, 342-352.	1.4	4
10	Unveiling the Merger Dynamics of the Most Massive MaDCoWS Cluster at $z \approx 1.2$ from a Multiwavelength Mapping of Its Intracluster Medium Properties. <i>Astrophysical Journal</i> , 2020, 893, 74.	4.5	11
11	Planar Self-similar Antennas for Broadband Millimeter-Wave Measurements. <i>Journal of Low Temperature Physics</i> , 2020, 199, 281-288.	1.4	1
12	Developing a Large-Scale Cryogenic System for the Simultaneous Operation of Three Detector Focal Planes in TolTEC, A New Multichroic Imaging Polarimeter. <i>Journal of Low Temperature Physics</i> , 2020, 199, 789-797.	1.4	1
13	In-Flight Performance of the LEKIDs of the OLIMPO Experiment. <i>Journal of Low Temperature Physics</i> , 2020, 199, 491-501.	1.4	14
14	The Experiment for Cryogenic Large-Aperture Intensity Mapping (EXCLAIM). <i>Journal of Low Temperature Physics</i> , 2020, 199, 1027-1037.	1.4	17
15	Full-Array Noise Performance of Deployment-Grade SuperSpec mm-Wave On-Chip Spectrometers. <i>Journal of Low Temperature Physics</i> , 2020, 199, 849-857.	1.4	18
16	Simons Observatory Microwave SQUID Multiplexing Readout: Cryogenic RF Amplifier and Coaxial Chain Design. <i>Journal of Low Temperature Physics</i> , 2020, 199, 807-816.	1.4	11
17	Operation of a Superconducting Nanowire in Two Detection Modes: KID and SPD. <i>Journal of Low Temperature Physics</i> , 2019, 194, 386-393.	1.4	1
18	The NIKA2 Instrument at 30-m IRAM Telescope: Performance and Results. <i>Journal of Low Temperature Physics</i> , 2018, 193, 916-922.	1.4	9

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19	Mexico-UK Sub-millimeter Camera for Astronomy. Journal of Low Temperature Physics, 2018, 193, 1010-1015.	1.4	8
20	Low-Temperature Noise Performance of SuperSpec and Other Developments on the Path to Deployment. Journal of Low Temperature Physics, 2018, 193, 1024-1032.	1.4	12
21	Measuring Reionization, Neutrino Mass, and Cosmic Inflation with BFORE. Journal of Low Temperature Physics, 2018, 193, 1033-1040.	1.4	3
22	Millimeter-Wave Polarimeters Using Kinetic Inductance Detectors for TolTEC and Beyond. Journal of Low Temperature Physics, 2018, 193, 120-127.	1.4	36
23	Detectability of Galactic Faraday Rotation in multiwavelength CMB observations. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4795-4804.	4.4	0
24	Transition Edge Sensors and Kinetic Inductance Detectors in Astronomical Instruments. Publications of the Astronomical Society of the Pacific, 2018, 130, 082001.	3.1	24
25	Development of Multi-chroic MKIDs for Next-Generation CMB Polarization Studies. Journal of Low Temperature Physics, 2018, 193, 103-112.	1.4	8
26	SuperSpec, The On-Chip Spectrometer: Improved NEP and Antenna Performance. Journal of Low Temperature Physics, 2018, 193, 408-414.	1.4	13
27	SPHEREx: an all-sky NIR spectral survey. , 2018, , .		13
28	The design and characterization of a 300 channel, optimized full-band millimeter filterbank for science with SuperSpec. , 2018, , .		11
29	BFORE: a CMB balloon payload to measure reionization, neutrino mass, and cosmic inflation. , 2018, , .		1
30	Time tagging individual photons with a low-cost FPGA based time to digital converter. , 2018, , .		2
31	Development of calibration strategies for the Simons Observatory. , 2018, , .		4
32	The optical design of the six-meter CCAT-prime and Simons Observatory telescopes. , 2018, , .		16
33	Optical design of the TolTEC millimeter-wave camera. , 2018, , .		15
34	Design and characterization of a balloon-borne diffraction-limited submillimeter telescope platform for BLAST-TNG. , 2018, , .		5
35	Preflight characterization of the BLAST-TNG receiver and detector arrays. , 2018, , .		11
36	SmallSat interferometry for THz astrophysics. , 2018, , .		0

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37	Dielectrically embedded mesh lens design for cubesat water detection. , 2018, , .		0
38	Measuring Water Vapor and Ash in Volcanic Eruptions With a Millimeter-Wave Radar/Imager. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3177-3185.	6.3	11
39	Single-Photon Intensity Interferometry (SPIIFy): utilizing available telescopes. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3048-3055.	4.4	14
40	High quality factor manganese-doped aluminum lumped-element kinetic inductance detectors sensitive to frequencies below 100 GHz. Applied Physics Letters, 2017, 110, .	3.3	10
41	Advances in Bolometer Technology for Fundamental Physics. Annual Review of Nuclear and Particle Science, 2017, 67, 161-181.	10.2	62
42	SEARCHING FOR FOSSIL EVIDENCE OF AGN FEEDBACK IN WISE-SELECTED STRIPE-82 GALAXIES BY MEASURING THE THERMAL SUNYAEV–ZEL–DOVICH EFFECT WITH THE ATACAMA COSMOLOGY TELESCOPE. Astrophysical Journal, 2017, 834, 102.	4.5	17
43	CONSTRAINING AGN FEEDBACK IN MASSIVE ELLIPTICALS WITH SOUTH POLE TELESCOPE MEASUREMENTS OF THE THERMAL SUNYAEV–ZEL–DOVICH EFFECT. Astrophysical Journal, 2016, 819, 128.	4.5	29
44	Development of dual-polarization LEKIDs for CMB observations. Proceedings of SPIE, 2016, , .	0.8	3
45	FPGA-Based TDC for Single-Photon Intensity Interferometry. Journal of Astronomical Instrumentation, 2016, 05, 1641016.	1.5	3
46	A passive terahertz video camera based on lumped element kinetic inductance detectors. Review of Scientific Instruments, 2016, 87, 033105.	1.3	37
47	Magnetic field dependence of the internal quality factor and noise performance of lumped-element kinetic inductance detectors. Applied Physics Letters, 2016, 109, .	3.3	11
48	An Open Source, FPGA-Based LeKID Readout for BLAST-TNG: Pre-Flight Results. Journal of Astronomical Instrumentation, 2016, 05, .	1.5	36
49	A Titanium Nitride Absorber for Controlling Optical Crosstalk in Horn-Coupled Aluminum LEKID Arrays for Millimeter Wavelengths. Journal of Low Temperature Physics, 2016, 184, 154-160.	1.4	3
50	Polarization sensitive Multi-Chroic MKIDs. , 2016, , .		6
51	On the measurement of intensity correlations from laboratory and astronomical sources with SPADs and SNSPDs. , 2016, , .		2
52	Low Noise Titanium Nitride KIDs for SuperSpec: A Millimeter-Wave On-Chip Spectrometer. Journal of Low Temperature Physics, 2016, 184, 180-187.	1.4	15
53	BFORE: The B-mode Foreground Experiment. Journal of Low Temperature Physics, 2016, 184, 746-753.	1.4	5
54	Optical Demonstration of THz, Dual-Polarization Sensitive Microwave Kinetic Inductance Detectors. Journal of Low Temperature Physics, 2016, 184, 173-179.	1.4	16

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55	Optical Response of Strained- and Unstrained-Silicon Cold-Electron Bolometers. Journal of Low Temperature Physics, 2016, 184, 231-237.	1.4	5
56	The NIKA2 Instrument, A Dual-Band Kilopixel KID Array for Millimetric Astronomy. Journal of Low Temperature Physics, 2016, 184, 816-823.	1.4	98
57	First Polarised Light with the NIKA Camera. Journal of Low Temperature Physics, 2016, 184, 724-732.	1.4	6
58	WSPEC: A Waveguide Filter-Bank Focal Plane Array Spectrometer for Millimeter Wave Astronomy and Cosmology. Journal of Low Temperature Physics, 2016, 184, 114-122.	1.4	11
59	Design of a 2-mm Wavelength KIDs Prototype Camera for the Large Millimeter Telescope. Journal of Low Temperature Physics, 2016, 184, 799-804.	1.4	3
60	Instrumental performance and results from testing of the BLAST-TNG receiver, submillimeter optics, and MKID detector arrays. Proceedings of SPIE, 2016, , .	0.8	6
61	The EChO science case. Experimental Astronomy, 2015, 40, 329-391.	3.7	31
62	A Compact Filter-Bank Waveguide Spectrometer for Millimeter Wavelengths. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 598-604.	3.1	10
63	The Next Generation BLAST Experiment. Journal of Astronomical Instrumentation, 2014, 03, .	1.5	34
64	Horn-coupled, commercially-fabricated aluminum lumped-element kinetic inductance detectors for millimeter wavelengths. Review of Scientific Instruments, 2014, 85, 123117.	1.3	32
65	The next-generation BLASTPol experiment. Proceedings of SPIE, 2014, , .	0.8	10
66	Photon-Noise Limited Performance in Aluminum LEKIDs. Journal of Low Temperature Physics, 2014, 176, 545-552.	1.4	20
67	Latest NIKA Results and the NIKA-2 Project. Journal of Low Temperature Physics, 2014, 176, 787-795.	1.4	26
68	Design and Performance of SuperSpec: An On-Chip, KID-Based, mm-Wavelength Spectrometer. Journal of Low Temperature Physics, 2014, 176, 657-662.	1.4	26
69	The Detector System for the Stratospheric Kinetic Inductance Polarimeter (Skip). Journal of Low Temperature Physics, 2014, 176, 741-748.	1.4	5
70	Optical Measurements of SuperSpec: A Millimeter-Wave On-Chip Spectrometer. Journal of Low Temperature Physics, 2014, 176, 841-847.	1.4	15
71	Dual-Polarization-Sensitive Kinetic Inductance Detectors for Balloon-borne Sub-millimeter Polarimetry. Journal of Low Temperature Physics, 2014, 176, 490-496.	1.4	2
72	The electron-phonon relaxation time in thin superconducting titanium nitride films. Applied Physics Letters, 2013, 103, .	3.3	29

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73	SuperSpec: design concept and circuit simulations. Proceedings of SPIE, 2012, , .	0.8	13
74	HIGH SPECTRAL RESOLUTION MEASUREMENT OF THE SUNYAEV-ZEL'DOVICH EFFECT NULL WITH Z-Spec. Astrophysical Journal, 2012, 749, 114.	4.5	33
75	AzTEC 1.1 mm OBSERVATIONS OF THE MBM12 MOLECULAR CLOUD. Astrophysical Journal, 2012, 746, 11.	4.5	6
76	EVIDENCE FOR ENVIRONMENTAL CHANGES IN THE SUBMILLIMETER DUST OPACITY. Astrophysical Journal, 2012, 751, 28.	4.5	81
77	The NÅ©el IRAM KID Arrays (NIKA). Journal of Low Temperature Physics, 2012, 167, 834-839.	1.4	7
78	The SPICA-SAFARI TES Bolometer Readout: Developments Towards a Flight System. Journal of Low Temperature Physics, 2012, 167, 561-567.	1.4	8
79	LEKIDs Developments for mm-Wave Astronomy. Journal of Low Temperature Physics, 2012, 167, 379-385.	1.4	1
80	Fabrication of a high T<inf>c</inf> voltage-biased superconducting bolometer. , 2011, , .		1
81	Polypropylene embedded metal mesh broadband achromatic half-wave plate for millimeter wavelengths. Applied Optics, 2011, 50, 3750.	2.1	18
82	DECONVOLUTION OF IMAGES FROM BLAST 2005: INSIGHT INTO THE K3-50 AND IC 5146 STAR-FORMING REGIONS. Astrophysical Journal, 2011, 730, 142.	4.5	8
83	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGY FROM GALAXY CLUSTERS DETECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT. Astrophysical Journal, 2011, 732, 44.	4.5	140
84	DETECTION OF STRONG MILLIMETER EMISSION FROM THE CIRCUMSTELLAR DUST DISK AROUND V1094 SCO: COLD AND MASSIVE DISK AROUND A T TAURI STAR IN A QUIESCENT ACCRETION PHASE?. Astrophysical Journal, 2011, 726, 45.	4.5	7
85	A PANCHROMATIC STUDY OF BLAST COUNTERPARTS: TOTAL STAR FORMATION RATE, MORPHOLOGY, ACTIVE GALACTIC NUCLEUS FRACTION, AND STELLAR MASS. Astrophysical Journal, 2011, 727, 83.	4.5	10
86	THE BALLOON-BORNE LARGE APERTURE SUBMILLIMETER TELESCOPE (BLAST) 2005: A 10 deg² SURVEY OF STAR FORMATION IN CYGNUS X. Astrophysical Journal, 2011, 727, 114.	4.5	25
87	THE ATACAMA COSMOLOGY TELESCOPE: CALIBRATION WITH THE WILKINSON MICROWAVE ANISOTROPY PROBE USING CROSS-CORRELATIONS. Astrophysical Journal, 2011, 740, 86.	4.5	34
88	THE ATACAMA COSMOLOGY TELESCOPE: EXTRAGALACTIC SOURCES AT 148 GHz IN THE 2008 SURVEY. Astrophysical Journal, 2011, 731, 100.	4.5	75
89	Detection of an ultrabright submillimetre galaxy in the Subaru/XMM-Newton Deep Field, using AzTEC/ASTE. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3081-3096.	4.4	41
90	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

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91	OVERVIEW OF THE ATACAMA COSMOLOGY TELESCOPE: RECEIVER, INSTRUMENTATION, AND TELESCOPE SYSTEMS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 41.	7.7	180
92	A DUAL-BAND MILLIMETER-WAVE KINETIC INDUCTANCE CAMERA FOR THE IRAM 30 m TELESCOPE. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 24.	7.7	122
93	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGICAL PARAMETERS FROM THE 2008 POWER SPECTRUM. <i>Astrophysical Journal</i> , 2011, 739, 52.	4.5	329
94	THE ATACAMA COSMOLOGY TELESCOPE: SUNYAEV-ZEL'DOVICH-SELECTED GALAXY CLUSTERS AT 148 GHz IN THE 2008 SURVEY. <i>Astrophysical Journal</i> , 2011, 737, 61.	4.5	234
95	AKARI AND BLAST OBSERVATIONS OF THE CASSIOPEIA A SUPERNOVA REMNANT AND SURROUNDING INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2010, 719, 1553-1564.	4.5	61
96	BLAST05: POWER SPECTRA OF BRIGHT GALACTIC CIRRUS AT SUBMILLIMETER WAVELENGTHS. <i>Astrophysical Journal</i> , 2010, 708, 1611-1620.	4.5	21
97	PROPERTIES OF GALACTIC CIRRUS CLOUDS OBSERVED BY BOOMERANG. <i>Astrophysical Journal</i> , 2010, 713, 959-969.	4.5	58
98	THE BLAST VIEW OF THE STAR-FORMING REGION IN AQUILA ($\alpha = 45^\circ$, $\delta = 0^\circ$). <i>Astrophysical Journal</i> , 2010, 723, 915-934.	4.5	12
99	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE 600 & 8000 COSMIC MICROWAVE BACKGROUND POWER SPECTRUM AT 148 GHz. <i>Astrophysical Journal</i> , 2010, 722, 1148-1161.	4.5	107
100	BOOMERanG constraints on primordial non-Gaussianity from analytical Minkowski functionals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 1658-1665.	4.4	20
101	The BLAST 250 μ m-selected galaxy population in GOODS-South. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 2022-2050.	4.4	21
102	Submillimetre observations of galaxy clusters with the BLAST: the star formation activity in Abell 3112. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	4
103	AzTEC half square degree survey of the SHADES fields I. Maps, catalogues and source counts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 160-176.	4.4	105
104	An AzTEC 1.1-mm survey for ULIRGs in the field of the Galaxy Cluster MSF0451.6 α 0305. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 2299-2317.	4.4	18
105	THE ATACAMA COSMOLOGY TELESCOPE (ACT): BEAM PROFILES AND FIRST SZ CLUSTER MAPS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 191, 423-438.	7.7	79
106	BLAST OBSERVATIONS OF THE SOUTH ECLIPTIC POLE FIELD: NUMBER COUNTS AND SOURCE CATALOGS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 191, 222-231.	7.7	11
107	Extragalactic Submillimetric Surveys with BLAST. <i>EAS Publications Series</i> , 2010, 40, 411-415.	0.3	1
108	Cosmic Microwave Background science from Dome C. <i>EAS Publications Series</i> , 2010, 40, 391-398.	0.3	1

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109	Foregrounds: Unveiling the Galactic Weather to the CMB. EAS Publications Series, 2010, 40, 437-442.	0.3	0
110	A review of the lumped element kinetic inductance detector. Proceedings of SPIE, 2010, , .	0.8	13
111	BLAST: CORRELATIONS IN THE COSMIC FAR-INFRARED BACKGROUND AT 250, 350, AND 500 μ m REVEAL CLUSTERING OF STAR-FORMING GALAXIES. Astrophysical Journal, 2009, 707, 1766-1778.	4.5	108
112	RADIO AND MID-INFRARED IDENTIFICATION OF BLAST SOURCE COUNTERPARTS IN THE CHANDRA DEEP FIELD SOUTH. Astrophysical Journal, 2009, 703, 285-299.	4.5	37
113	THE BALLOON-BORNE LARGE APERTURE SUBMILLIMETER TELESCOPE (BLAST) 2006: CALIBRATION AND FLIGHT PERFORMANCE. Astrophysical Journal, 2009, 707, 1723-1728.	4.5	29
114	BLAST: THE REDSHIFT SURVEY. Astrophysical Journal, 2009, 707, 1779-1808.	4.5	47
115	BLAST: A FAR-INFRARED MEASUREMENT OF THE HISTORY OF STAR FORMATION. Astrophysical Journal, 2009, 707, 1740-1749.	4.5	61
116	BLAST OBSERVATIONS OF RESOLVED GALAXIES: TEMPERATURE PROFILES AND THE EFFECT OF ACTIVE GALACTIC NUCLEI ON FIR TO SUBMILLIMETER EMISSION. Astrophysical Journal, 2009, 707, 1809-1823.	4.5	24
117	A BRIGHT SUBMILLIMETER SOURCE IN THE BULLET CLUSTER (1E0657-56) FIELD DETECTED WITH BLAST. Astrophysical Journal, 2009, 703, 348-353.	4.5	11
118	BLAST: THE MASS FUNCTION, LIFETIMES, AND PROPERTIES OF INTERMEDIATE MASS CORES FROM A 50 $^{\circ}$ SUBMILLIMETER GALACTIC SURVEY IN VELA ($\hat{\alpha} = 265^{\circ}$). Astrophysical Journal, 2009, 707, 1824-1835.	4.5	68
119	THE BLAST SURVEY OF THE VELA MOLECULAR CLOUD: PHYSICAL PROPERTIES OF THE DENSE CORES IN VELA-D. Astrophysical Journal, 2009, 707, 1836-1851.	4.5	24
120	BLAST: RESOLVING THE COSMIC SUBMILLIMETER BACKGROUND. Astrophysical Journal, 2009, 707, 1729-1739.	4.5	140
121	Over half of the far-infrared background light comes from galaxies at $z \approx 1.2$. Nature, 2009, 458, 737-739.	4.5	149
122	Optimisation of Lumped Element Kinetic Inductance Detectors for use in ground based mm and sub-mm arrays. , 2009, , .		4
123	SUBDEGREE SUNYAEV-ZEL'DOVICH SIGNAL FROM MULTIFREQUENCY BOOMERANG OBSERVATIONS. Astrophysical Journal, 2009, 702, L61-L65.	4.5	10
124	SUBMILLIMETER NUMBER COUNTS FROM STATISTICAL ANALYSIS OF BLAST MAPS. Astrophysical Journal, 2009, 707, 1750-1765.	4.5	82
125	Lumped Element Kinetic Inductance Detectors. Journal of Low Temperature Physics, 2008, 151, 530-536.	1.4	207
126	The AzTEC mm-wavelength camera. Monthly Notices of the Royal Astronomical Society, 2008, 386, 807-818.	4.4	148

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127	AzTEC millimetre survey of the COSMOS field â€“ I. Data reduction and source catalogue. Monthly Notices of the Royal Astronomical Society, 2008, 385, 2225-2238.	4.4	190
128	The SCUBA Half Degree Extragalactic Survey (SHADES) â€“ IX. The environment, mass and redshift dependence of star formation. Monthly Notices of the Royal Astronomical Society, 2008, 386, 1907-1921.	4.4	44
129	A bright, dust-obscured, millimetre-selected galaxy beyond the Bullet Cluster (1E0657âˆ’56). Monthly Notices of the Royal Astronomical Society, 2008, 390, 1061-1070.	4.4	36
130	An AzTEC 1.1â€fmm survey of the GOODS-N field - I. Maps, catalogue and source statistics. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1227-1238.	4.4	99
131	Antenna-coupled direct detector for millimetre and submillimetre astronomy based on 2D electron gas in semiconducting heterostructure. Proceedings of SPIE, 2008, , .	0.8	1
132	Clover polarimetric detector - a novel design of an ortho-mode transducer at 150 and 225 GHz. , 2008, , .		3
133	The Balloonâ€borne Large Aperture Submillimeter Telescope: BLAST. Astrophysical Journal, 2008, 681, 400-414.	4.5	136
134	The Balloonâ€borne Large Aperture Submillimeter Telescope (BLAST) 2005: A 4 deg²Galactic Plane Survey in Vulpecula (â„“ = 59Å°). Astrophysical Journal, 2008, 681, 428-452.	4.5	40
135	Development of transition edge superconducting bolometers for the SAFARI far-infrared spectrometer on the SPICA space-borne telescope. Proceedings of SPIE, 2008, , .	0.8	8
136	Lumped element kinetic inductance detectors for far-infrared astronomy. , 2008, , .		16
137	The Balloonâ€borne Large Aperture Submillimeter Telescope (BLAST) 2005: Calibration and Targeted Sources. Astrophysical Journal, 2008, 681, 415-427.	4.5	25
138	SANEPIC: A Mapmaking Method for Time Stream Data from Large Arrays. Astrophysical Journal, 2008, 681, 708-725.	4.5	66
139	Searching for Non-Gaussian Signals in the BOOMERANG 2003 CMB Maps. Astrophysical Journal, 2007, 670, L73-L76.	4.5	18
140	A study of the Sunyaev-Zel'dovich increment using archival SCUBA data. Monthly Notices of the Royal Astronomical Society, 2007, 376, 1073-1098.	4.4	24
141	An integrated superconducting phase switch for cosmology instruments. Physica C: Superconductivity and Its Applications, 2007, 466, 115-123.	1.2	5
142	Cosmological Parameters from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 799-812.	4.5	159
143	A Measurement of the Polarizationâ€Temperature Angular Crossâ€Power Spectrum of the Cosmic Microwave Background from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 833-839.	4.5	123
144	Bolocam Survey for 1.1 mm Dust Continuum Emission in the c2d Legacy Clouds. I. Perseus. Astrophysical Journal, 2006, 638, 293-313.	4.5	280

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145	High sensitivity terahertz detector using two-dimensional electron gas absorber and tunnel junction contacts as a thermometer. , 2006, , .		0
146	Kinetic inductance detectors for 200 μ m astronomy. , 2006, , .		3
147	A Measurement of the CMB ΔC^2 Spectrum from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 813-822.	4.5	217
148	Bolocam Survey for 1.1 mm Dust Continuum Emission in the c2d Legacy Clouds. II. Ophiuchus. Astrophysical Journal, 2006, 644, 326-343.	4.5	83
149	A Measurement of the Angular Power Spectrum of the CMB Temperature Anisotropy from the 2003 Flight of BOOMERANG. Astrophysical Journal, 2006, 647, 823-832.	4.5	186
150	Development of TES detectors for low-background far infrared space astronomy. , 2006, , .		1
151	CASPER: Concordia Atmospheric SPectroscopy of Emitted Radiation. EAS Publications Series, 2005, 14, 233-238.	0.3	1
152	CLOVER Experiment: the receiver block. EAS Publications Series, 2005, 14, 245-250.	0.3	0
153	The Bolocam Lockman Hole Millimeter λ Galaxy Survey: Galaxy Candidates and Number Counts. Astrophysical Journal, 2005, 623, 742-762.	4.5	96
154	A Fluctuation Analysis of the Bolocam 1.1 mm Lockman Hole Survey. Astrophysical Journal, 2005, 635, 1044-1052.	4.5	21
155	BOOMERanG results. Advances in Space Research, 2005, 36, 1064-1069.	2.6	1
156	The SCUBA Half-Degree Extragalactic Survey – I. Survey motivation, design and data processing. Monthly Notices of the Royal Astronomical Society, 2005, 363, 563-580.	4.4	74
157	First ground-based 200- μ m observing with THUMPER on JCMT – sky characterization and planet maps. Monthly Notices of the Royal Astronomical Society, 2005, 364, 843-848.	4.4	4
158	Precision CMB Polarization from Dome-C: the BRAIN experiment. EAS Publications Series, 2005, 14, 87-92.	0.3	6
159	Calculation of the Characteristics of Coplanar Resonators for Kinetic Inductance Detectors. IEEE Transactions on Applied Superconductivity, 2005, 15, 552-555.	1.7	13
160	ELLIPTICITY OF LARGE SPOTS IN CMB ANISOTROPY MAPS. Modern Physics Letters A, 2005, 20, 491-498.	1.2	7
161	CLOVER: The CMB Polarization Observer. EAS Publications Series, 2005, 14, 251-256.	0.3	4
162	The balloon-borne large aperture sub-millimeter telescope. Advances in Space Research, 2004, 33, 1793-1796.	2.6	4

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163	The trispectrum of the cosmic microwave background on subdegree angular scales: an analysis of the BOOMERanG data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 343, 284-292.	4.4	35
164	ELLIPTICITY ANALYSIS OF THE BOOMERanG CMB MAPS. <i>International Journal of Modern Physics D</i> , 2003, 12, 1859-1873.	2.1	13
165	Improved Measurement of the Angular Power Spectrum of Temperature Anisotropy in the Cosmic Microwave Background from Two New Analyses of BOOMERANG Observations. <i>Astrophysical Journal</i> , 2003, 599, 786-805.	4.5	102
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