

Philip Mauskopf

List of Publications by Year in descending order

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194
papers

12,446
citations

38742

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24982

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195
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195
docs citations

195
times ranked

5977
citing authors

#	ARTICLE	IF	CITATIONS
1	A flat Universe from high-resolution maps of the cosmic microwave background radiation. <i>Nature</i> , 2000, 404, 955-959.	27.8	2,232
2	MAXIMA-1: A Measurement of the Cosmic Microwave Background Anisotropy on Angular Scales of 10[arcmin]â€“5Å°. <i>Astrophysical Journal</i> , 2000, 545, L5-L9.	4.5	1,058
3	A Measurement by BOOMERANG of Multiple Peaks in the Angular Power Spectrum of the Cosmic Microwave Background. <i>Astrophysical Journal</i> , 2002, 571, 604-614.	4.5	751
4	Cosmology from MAXIMA-1, BOOMERANG, and COBE DMR Cosmic Microwave Background Observations. <i>Physical Review Letters</i> , 2001, 86, 3475-3479.	7.8	433
5	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGICAL PARAMETERS FROM THE 2008 POWER SPECTRUM. <i>Astrophysical Journal</i> , 2011, 739, 52.	4.5	329
6	A High Spatial Resolution Analysis of the MAXIMA-1 Cosmic Microwave Background Anisotropy Data. <i>Astrophysical Journal</i> , 2001, 561, L1-L5.	4.5	317
7	Multiple Peaks in the Angular Power Spectrum of the Cosmic Microwave Background: Significance and Consequences for Cosmology. <i>Astrophysical Journal</i> , 2002, 564, 559-566.	4.5	283
8	Bolocam Survey for 1.1 mm Dust Continuum Emission in the c2d Legacy Clouds. I. Perseus. <i>Astrophysical Journal</i> , 2006, 638, 293-313.	4.5	280
9	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
10	A Measurement of the CMB â€“â€“â€“ Spectrum from the 2003 Flight of BOOMERANG. <i>Astrophysical Journal</i> , 2006, 647, 813-822.	4.5	217
11	Lumped Element Kinetic Inductance Detectors. <i>Journal of Low Temperature Physics</i> , 2008, 151, 530-536.	1.4	207
12	AzTEC millimetre survey of the COSMOS field â€“ I. Data reduction and source catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 2225-2238.	4.4	190
13	A Measurement of the Angular Power Spectrum of the CMB Temperature Anisotropy from the 2003 Flight of BOOMERANG. <i>Astrophysical Journal</i> , 2006, 647, 823-832.	4.5	186
14	OVERVIEW OF THE ATACAMA COSMOLOGY TELESCOPE: RECEIVER, INSTRUMENTATION, AND TELESCOPE SYSTEMS. <i>Astrophysical Journal</i> , Supplement Series, 2011, 194, 41.	7.7	180
15	A Measurement of Î© from the North American Test Flight of Boomerang. <i>Astrophysical Journal</i> , 2000, 536, L63-L66.	4.5	169
16	Cosmological Parameters from the 2003 Flight of BOOMERANG. <i>Astrophysical Journal</i> , 2006, 647, 799-812.	4.5	159
17	Over half of the far-infrared background light comes from galaxies at zâ€“1.2. <i>Nature</i> , 2009, 458, 737-739.	23.8	149
18	The AzTEC mm-wavelength camera. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 807-818.	4.4	148

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19	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> , 2011, 729, 62.	4.5	144
20	BLAST: RESOLVING THE COSMIC SUBMILLIMETER BACKGROUND. <i>Astrophysical Journal</i> , 2009, 707, 1729-1739.	4.5	140
21	THE ATACAMA COSMOLOGY TELESCOPE: COSMOLOGY FROM GALAXY CLUSTERS DETECTED VIA THE SUNYAEV-ZEL'DOVICH EFFECT. <i>Astrophysical Journal</i> , 2011, 732, 44.	4.5	140
22	The Balloon-borne Large Aperture Submillimeter Telescope: BLAST. <i>Astrophysical Journal</i> , 2008, 681, 400-414.	4.5	136
23	Measurement of a Peak in the Cosmic Microwave Background Power Spectrum from the North American Test Flight of Boomerang. <i>Astrophysical Journal</i> , 2000, 536, L59-L62.	4.5	126
24	A Measurement of the Polarization Temperature Angular Cross Power Spectrum of the Cosmic Microwave Background from the 2003 Flight of BOOMERANG. <i>Astrophysical Journal</i> , 2006, 647, 833-839.	4.5	123
25	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
26	BLAST: CORRELATIONS IN THE COSMIC FAR-INFRARED BACKGROUND AT 250, 350, AND 500 μm REVEAL CLUSTERING OF STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2009, 707, 1766-1778.	4.5	108
27	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE 600 & μm & 8000 COSMIC MICROWAVE BACKGROUND POWER SPECTRUM AT 148 GHz. <i>Astrophysical Journal</i> , 2010, 722, 1148-1161.	4.5	107
28	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
29	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
30	An AzTEC 1.1 mm survey of the GOODS-N field - I. Maps, catalogue and source statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 1227-1238.	4.4	99
31	The NIKA2 Instrument, A Dual-Band Kilopixel KID Array for Millimetric Astronomy. <i>Journal of Low Temperature Physics</i> , 2016, 184, 816-823.	1.4	98
32	The Bolocam Lockman Hole Millimeter-Wave Galaxy Survey: Galaxy Candidates and Number Counts. <i>Astrophysical Journal</i> , 2005, 623, 742-762.	4.5	96
33	BOOMERANG: A Balloon-borne Millimeter-Wave Telescope and Total Power Receiver for Mapping Anisotropy in the Cosmic Microwave Background. <i>Astrophysical Journal, Supplement Series</i> , 2003, 148, 527-541.	7.7	86
34	Bolocam Survey for 1.1 mm Dust Continuum Emission in the c2d Legacy Clouds. II. Ophiuchus. <i>Astrophysical Journal</i> , 2006, 644, 326-343.	4.5	83
35	SUBMILLIMETER NUMBER COUNTS FROM STATISTICAL ANALYSIS OF BLAST MAPS. <i>Astrophysical Journal</i> , 2009, 707, 1750-1765.	4.5	82
36	EVIDENCE FOR ENVIRONMENTAL CHANGES IN THE SUBMILLIMETER DUST OPACITY. <i>Astrophysical Journal</i> , 2012, 751, 28.	4.5	81

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37	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
38	CMB-S4: Forecasting Constraints on Primordial Gravitational Waves. <i>Astrophysical Journal</i> , 2022, 926, 54.	4.5	79
39	THE ATACAMA COSMOLOGY TELESCOPE: EXTRAGALACTIC SOURCES AT 148 GHz IN THE 2008 SURVEY. <i>Astrophysical Journal</i> , 2011, 731, 100.	4.5	75
40	The SCUBA Half-Degree Extragalactic Survey – I. Survey motivation, design and data processing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 363, 563-580.	4.4	74
41	Measurement of the Hubble Constant from X-ray and 2.1 Millimeter Observations of Abell 2163. <i>Astrophysical Journal</i> , 1997, 480, 449-465.	4.5	72
42	Limits on the Peculiar Velocities of Two Distant Clusters Using the Kinematic Sunyaev-Zeldovich Effect. <i>Astrophysical Journal</i> , 1997, 481, 35-48.	4.5	72
43	BLAST: THE MASS FLUNCTION, LIFETIMES, AND PROPERTIES OF INTERMEDIATE MASS CORES FROM A 50 deg ² SUBMILLIMETER GALACTIC SURVEY IN VELA (α, δ = 265°). <i>Astrophysical Journal</i> , 2009, 707, 4.5 1824-1835.	4.5	68
44	SANEPIC: A Mapmaking Method for Time Stream Data from Large Arrays. <i>Astrophysical Journal</i> , 2008, 681, 708-725.	4.5	66
45	Advances in Bolometer Technology for Fundamental Physics. <i>Annual Review of Nuclear and Particle Science</i> , 2017, 67, 161-181.	10.2	62
46	BLAST: A FAR-INFRARED MEASUREMENT OF THE HISTORY OF STAR FORMATION. <i>Astrophysical Journal</i> , 2009, 707, 1740-1749.	4.5	61
47	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
48	Peculiar Velocity Limits from Measurements of the Spectrum of the Sunyaev-Zeldovich Effect in Six Clusters of Galaxies. <i>Astrophysical Journal</i> , 2003, 592, 674-691.	4.5	59
49	PROPERTIES OF GALACTIC CIRRUS CLOUDS OBSERVED BY BOOMERANG. <i>Astrophysical Journal</i> , 2010, 713, 959-969.	4.5	58
50	Search for Axionlike Dark Matter Using Solid-State Nuclear Magnetic Resonance. <i>Physical Review Letters</i> , 2021, 126, 141802.	7.8	51
51	BLAST: THE REDSHIFT SURVEY. <i>Astrophysical Journal</i> , 2009, 707, 1779-1808.	4.5	47
52	The SCUBA Half Degree Extragalactic Survey (SHADES) – IX. The environment, mass and redshift dependence of star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1907-1921.	4.4	44
53	The Sunyaev-Zeldovich Infrared Experiment: A Millimeter-Wave Receiver for Cluster Cosmology. <i>Astrophysical Journal</i> , 1997, 479, 17-30.	4.5	43
54	Search for Non-Gaussian Signals in the BOOMERANG Maps: Pixel-Space Analysis. <i>Astrophysical Journal</i> , 2002, 572, L27-L31.	4.5	43

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55	An Upper Limit to Arcminute Scale Anisotropy in the Cosmic Microwave Background Radiation at 142 GHz. <i>Astrophysical Journal</i> , 1997, 484, 523-537.	4.5	42
56	Detection of an ultrabright submillimetre galaxy in the Subaru/XMM-Newton Deep Field, using AzTEC/ASTE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 3081-3096.	4.4	41
57	The Balloon-borne Large Aperture Submillimeter Telescope (BLAST) 2005: A 4 deg ² Galactic Plane Survey in Vulpecula ($\alpha = 59^\circ$). <i>Astrophysical Journal</i> , 2008, 681, 428-452.	4.5	40
58	High-Latitude Galactic Dust Emission in the BOOMERANG Maps. <i>Astrophysical Journal</i> , 2001, 553, L93-L96.	4.5	39
59	RADIO AND MID-INFRARED IDENTIFICATION OF BLAST SOURCE COUNTERPARTS IN THE CHANDRA DEEP FIELD SOUTH. <i>Astrophysical Journal</i> , 2009, 703, 285-299.	4.5	37
60	A passive terahertz video camera based on lumped element kinetic inductance detectors. <i>Review of Scientific Instruments</i> , 2016, 87, 033105.	1.3	37
61	A bright, dust-obscured, millimetre-selected galaxy beyond the Bullet Cluster (1E0657 ⁺⁵⁶). <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 390, 1061-1070.	4.4	36
62	An Open Source, FPGA-Based LeKID Readout for BLAST-TNG: Pre-Flight Results. <i>Journal of Astronomical Instrumentation</i> , 2016, 05, .	1.5	36
63	Millimeter-Wave Polarimeters Using Kinetic Inductance Detectors for TolTEC and Beyond. <i>Journal of Low Temperature Physics</i> , 2018, 193, 120-127.	1.4	36
64	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
65	THE ATACAMA COSMOLOGY TELESCOPE: CALIBRATION WITH THE WILKINSON MICROWAVE ANISOTROPY PROBE USING CROSS-CORRELATIONS. <i>Astrophysical Journal</i> , 2011, 740, 86.	4.5	34
66	The Next Generation BLAST Experiment. <i>Journal of Astronomical Instrumentation</i> , 2014, 03, .	1.5	34
67	HIGH SPECTRAL RESOLUTION MEASUREMENT OF THE SUNYAEV-ZEL'DOVICH EFFECT NULL WITH Z-Spec. <i>Astrophysical Journal</i> , 2012, 749, 114.	4.5	33
68	Horn-coupled, commercially-fabricated aluminum lumped-element kinetic inductance detectors for millimeter wavelengths. <i>Review of Scientific Instruments</i> , 2014, 85, 123117.	1.3	32
69	The EChO science case. <i>Experimental Astronomy</i> , 2015, 40, 329-391.	3.7	31
70	Measurements of anisotropy in the cosmic microwave background radiation at 0.5 deg angular scales near the star gamma ursae minoris. <i>Astrophysical Journal</i> , 1994, 430, L1.	4.5	31
71	A Determination of the Hubble Constant Using Measurements of X-Ray Emission and the Sunyaev-Zeldovich Effect at Millimeter Wavelengths in the Cluster Abell 1835. <i>Astrophysical Journal</i> , 2000, 538, 505-516.	4.5	30
72	THE BALLOON-BORNE LARGE APERTURE SUBMILLIMETER TELESCOPE (BLAST) 2006: CALIBRATION AND FLIGHT PERFORMANCE. <i>Astrophysical Journal</i> , 2009, 707, 1723-1728.	4.5	29

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73	The electron-phonon relaxation time in thin superconducting titanium nitride films. Applied Physics Letters, 2013, 103, .	3.3	29
74	CONSTRAINING AGN FEEDBACK IN MASSIVE ELLIPTICALS WITH SOUTH POLE TELESCOPE MEASUREMENTS OF THE THERMAL SUNYAEVâ€ZELâ€™DOVICH EFFECT. Astrophysical Journal, 2016, 819, 128.	4.5	29
75	The BOOMERANG North America Instrument: A Balloonâ€borne Bolometric Radiometer Optimized for Measurements of Cosmic Background Radiation Anisotropies from 0.13 to 4o. Astrophysical Journal, Supplement Series, 2002, 138, 315-336.	7.7	28
76	Observation of forbidden C II 158 micron emission from the diffuse interstellar medium at high Galactic latitude. Astrophysical Journal, 1993, 410, L115.	4.5	28
77	A three-stage helium sorption refrigerator for cooling of infrared detectors to 280 mK. Cryogenics, 2000, 40, 685-691.	1.7	27
78	Latest NIKA Results and the NIKA-2 Project. Journal of Low Temperature Physics, 2014, 176, 787-795.	1.4	26
79	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
80	The Balloonâ€borne Large Aperture Submillimeter Telescope (BLAST) 2005: Calibration and Targeted Sources. Astrophysical Journal, 2008, 681, 415-427.	4.5	25
81	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
82	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
83	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
84	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
85	Transition Edge Sensors and Kinetic Inductance Detectors in Astronomical Instruments. Publications of the Astronomical Society of the Pacific, 2018, 130, 082001.	3.1	24
86	Using Sunyaevâ€Zeldovich Infrared Experiment (SuZIE) Arcminuteâ€Scale Cosmic Microwave Background Anisotropy Data to Probe Open and Flat Λ Cold Dark Matter Cosmogonies. Astrophysical Journal, 1997, 484, 517-522.	4.5	21
87	A Fluctuation Analysis of the Bolocam 1.1 mm Lockman Hole Survey. Astrophysical Journal, 2005, 635, 1044-1052.	4.5	21
88	BLAST05: POWER SPECTRA OF BRIGHT GALACTIC CIRRUS AT SUBMILLIMETER WAVELENGTHS. Astrophysical Journal, 2010, 708, 1611-1620.	4.5	21
89	The BLAST 250 μ m-selected galaxy population in GOODS-South. Monthly Notices of the Royal Astronomical Society, 2010, 408, 2022-2050.	4.4	21
90	BOOMERanG constraints on primordial non-Gaussianity from analytical Minkowski functionals. Monthly Notices of the Royal Astronomical Society, 2010, 408, 1658-1665.	4.4	20

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91	Photon-Noise Limited Performance in Aluminum LEKIDs. Journal of Low Temperature Physics, 2014, 176, 545-552.	1.4	20
92	A rocket-borne observation of the far-infrared sky at high Galactic latitude. Astrophysical Journal, 1994, 425, L89.	4.5	19
93	Searching for Non-Gaussian Signals in the BOOMERANG 2003 CMB Maps. Astrophysical Journal, 2007, 670, L73-L76.	4.5	18
94	An AzTEC 1.1-mm survey for ULIRGs in the field of the Galaxy Cluster MSâ€f0451.6â€³0305. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2299-2317.	4.4	18
95	Polypropylene embedded metal mesh broadband achromatic half-wave plate for millimeter wavelengths. Applied Optics, 2011, 50, 3750.	2.1	18
96	Full-Array Noise Performance of Deployment-Grade SuperSpec mm-Wave On-Chip Spectrometers. Journal of Low Temperature Physics, 2020, 199, 849-857.	1.4	18
97	SEARCHING FOR FOSSIL EVIDENCE OF AGN FEEDBACK IN WISE-SELECTED STRIPE-82 GALAXIES BY MEASURING THE THERMAL SUNYAEVâ€“ZELâ€™DOVICH EFFECT WITH THE ATACAMA COSMOLOGY TELESCOPE. Astrophysical Journal, 2017, 834, 102.	4.5	17
98	The Experiment for Cryogenic Large-Aperture Intensity Mapping (EXCLAIM). Journal of Low Temperature Physics, 2020, 199, 1027-1037.	1.4	17
99	Lumped element kinetic inductance detectors for far-infrared astronomy. , 2008, , .		16
100	Optical Demonstration of THz, Dual-Polarization Sensitive Microwave Kinetic Inductance Detectors. Journal of Low Temperature Physics, 2016, 184, 173-179.	1.4	16
101	The optical design of the six-meter CCAT-prime and Simons Observatory telescopes. , 2018, , .		16
102	Optical Measurements of SuperSpec: A Millimeter-Wave On-Chip Spectrometer. Journal of Low Temperature Physics, 2014, 176, 841-847.	1.4	15
103	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
104	Optical design of the TolTEC millimeter-wave camera. , 2018, , .		15
105	Single-Photon Intensity Interferometry (SPIIFy): utilizing available telescopes. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3048-3055.	4.4	14
106	In-Flight Performance of the LEKIDs of the OLIMPO Experiment. Journal of Low Temperature Physics, 2020, 199, 491-501.	1.4	14
107	ELLIPTICITY ANALYSIS OF THE BOOMERanG CMB MAPS. International Journal of Modern Physics D, 2003, 12, 1859-1873.	2.1	13
108	Calculation of the Characteristics of Coplanar Resonators for Kinetic Inductance Detectors. IEEE Transactions on Applied Superconductivity, 2005, 15, 552-555.	1.7	13

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109	A review of the lumped element kinetic inductance detector. Proceedings of SPIE, 2010, , .	0.8	13
110	SuperSpec: design concept and circuit simulations. Proceedings of SPIE, 2012, , .	0.8	13
111	SuperSpec, The On-Chip Spectrometer: Improved NEP and Antenna Performance. Journal of Low Temperature Physics, 2018, 193, 408-414.	1.4	13
112	SPHEREx: an all-sky NIR spectral survey. , 2018, , .		13
113	THE BLAST VIEW OF THE STAR-FORMING REGION IN AQUILA ($\hat{\alpha}, \hat{\delta} = 45^\circ, 0^\circ$). Astrophysical Journal, 2010, 723, 915-934.	4.5	12
114	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
115	A BRIGHT SUBMILLIMETER SOURCE IN THE BULLET CLUSTER (1E0657-56) FIELD DETECTED WITH BLAST. Astrophysical Journal, 2009, 703, 348-353.	4.5	11
116	BLAST OBSERVATIONS OF THE SOUTH ECLIPTIC POLE FIELD: NUMBER COUNTS AND SOURCE CATALOGS. Astrophysical Journal, Supplement Series, 2010, 191, 222-231.	7.7	11
117	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
118	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
119	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
120	Unveiling the Merger Dynamics of the Most Massive MaDCoWS Cluster at $z \approx 1.2$ from a Multiwavelength Mapping of Its Intracluster Medium Properties. Astrophysical Journal, 2020, 893, 74.	4.5	11
121	Simons Observatory Microwave SQUID Multiplexing Readout: Cryogenic RF Amplifier and Coaxial Chain Design. Journal of Low Temperature Physics, 2020, 199, 807-816.	1.4	11
122	The Thermal Sunyaev-Zeldovich Effect from Massive, Quiescent $0.5 < z < 1.5$ Galaxies. Astrophysical Journal, 2021, 913, 88.	4.5	11
123	The design and characterization of a 300 channel, optimized full-band millimeter filterbank for science with SuperSpec. , 2018, , .		11
124	Preflight characterization of the BLAST-TNG receiver and detector arrays. , 2018, , .		11
125	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
126	The next-generation BLASTPol experiment. Proceedings of SPIE, 2014, , .	0.8	10

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127	A Compact Filter-Bank Waveguide Spectrometer for Millimeter Wavelengths. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 598-604.	3.1	10
128	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
129	SUBDEGREE SUNYAEV-ZEL'DOVICH SIGNAL FROM MULTIFREQUENCY BOOMERANG OBSERVATIONS. Astrophysical Journal, 2009, 702, L61-L65.	4.5	10
130	The NIKA2 Instrument at 30-m IRAM Telescope: Performance and Results. Journal of Low Temperature Physics, 2018, 193, 916-922.	1.4	9
131	Initial Design of a W-Band Superconducting Kinetic Inductance Qubit. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	9
132	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
133	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
134	The SPICA-SAFARI TES Bolometer Readout: Developments Towards a Flight System. Journal of Low Temperature Physics, 2012, 167, 561-567.	1.4	8
135	Mexico-LIK Sub-millimeter Camera for Astronomy. Journal of Low Temperature Physics, 2018, 193, 1010-1015.	1.4	8
136	Development of Multi-chroic MKIDs for Next-Generation CMB Polarization Studies. Journal of Low Temperature Physics, 2018, 193, 103-112.	1.4	8
137	The BOOMERANG experiment. Space Science Reviews, 1995, 74, 145-150.	8.1	7
138	ELLIPTICITY OF LARGE SPOTS IN CMB ANISOTROPY MAPS. Modern Physics Letters A, 2005, 20, 491-498.	1.2	7
139	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
140	The NÅ©el IRAM KID Arrays (NIKA). Journal of Low Temperature Physics, 2012, 167, 834-839.	1.4	7
141	Precision CMB Polarization from Dome-C: the BRAIN experiment. EAS Publications Series, 2005, 14, 87-92.	0.3	6
142	AzTEC 1.1 mm OBSERVATIONS OF THE MBM12 MOLECULAR CLOUD. Astrophysical Journal, 2012, 746, 11.	4.5	6
143	Polarization sensitive Multi-Chroic MKIDs. , 2016, , .		6
144	First Polarised Light with the NIKA Camera. Journal of Low Temperature Physics, 2016, 184, 724-732.	1.4	6

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145	Instrumental performance and results from testing of the BLAST-TNG receiver, submillimeter optics, and MKID detector arrays. Proceedings of SPIE, 2016, , .	0.8	6
146	Search for the production of fractionally charged particles in e^+e^- annihilations at $\sqrt{s}=10.5\text{GeV}$. Physical Review D, 1989, 40, 263-266.	4.7	5
147	An integrated superconducting phase switch for cosmology instruments. Physica C: Superconductivity and Its Applications, 2007, 466, 115-123.	1.2	5
148	The Detector System for the Stratospheric Kinetic Inductance Polarimeter (Skip). Journal of Low Temperature Physics, 2014, 176, 741-748.	1.4	5
149	BFORE: The B-mode Foreground Experiment. Journal of Low Temperature Physics, 2016, 184, 746-753.	1.4	5
150	Optical Response of Strained- and Unstrained-Silicon Cold-Electron Bolometers. Journal of Low Temperature Physics, 2016, 184, 231-237.	1.4	5
151	An On-Chip Superconducting Kinetic Inductance Fourier Transform Spectrometer for Millimeter-Wave Astronomy. Journal of Low Temperature Physics, 2020, 199, 867-874.	1.4	5
152	Design and characterization of a balloon-borne diffraction-limited submillimeter telescope platform for BLAST-TNG. , 2018, , .		5
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