

Kevin Macdermid

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

202
citations

1307594

7
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensity-coupled Polarization in Instruments with a Continuously Rotating Half-wave Plate. <i>Astrophysical Journal</i> , 2019, 876, 54.	4.5	2
2	The EBEX Balloon-borne Experimentâ€™ Optics, Receiver, and Polarimetry. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 7.	7.7	23
3	The EBEX Balloon-borne Experimentâ€™ Detectors and Readout. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 8.	7.7	13
4	The EBEX Balloon-borne Experimentâ€™ Gondola, Attitude Control, and Control Software. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 9.	7.7	26
5	Temperature calibration of the E and B Experiment. , 2017, , .		2
6	The performance of the bolometer array and readout system during the 2012/2013 flight of the E and B experiment (EBEX). <i>Proceedings of SPIE</i> , 2014, , .	0.8	9
7	THE EBEX CRYOSTAT AND SUPPORTING ELECTRONICS. , 2012, , .		5
8	A cryogenic half-wave plate polarimeter using a superconducting magnetic bearing. <i>Proceedings of SPIE</i> , 2011, , .	0.8	19
9	Software systems for operation, control, and monitoring of the EBEX instrument. <i>Proceedings of SPIE</i> , 2010, , .	0.8	7
10	First implementation of TES bolometer arrays with SQUID-based multiplexed readout on a balloon-borne platform. <i>Proceedings of SPIE</i> , 2010, , .	0.8	5
11	EBEX: a balloon-borne CMB polarization experiment. <i>Proceedings of SPIE</i> , 2010, , .	0.8	68
12	Tuning of Kilopixel Transition Edge Sensor Bolometer Arrays with a Digital Frequency Multiplexed Readout System. <i>AIP Conference Proceedings</i> , 2009, , .	0.4	5
13	EBEX: the E and B Experiment. <i>Proceedings of SPIE</i> , 2008, , .	0.8	12
14	Design and characterization of TES bolometers and SQUID readout electronics for a balloon-borne application. <i>Proceedings of SPIE</i> , 2008, , .	0.8	6