

Kevin Macdermid

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11654290/publications.pdf>

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