

Kyle Helson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2030446/publications.pdf>

Version: 2024-02-01

13
papers

129
citations

1478505

6
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	The EBEX Balloon-borne Experimentâ€™Gondola, Attitude Control, and Control Software. Astrophysical Journal, Supplement Series, 2018, 239, 9.	7.7	26
2	The EBEX Balloon-borne Experimentâ€™Optics, Receiver, and Polarimetry. Astrophysical Journal, Supplement Series, 2018, 239, 7.	7.7	23
3	Four-year Cosmology Large Angular Scale Surveyor (CLASS) Observations: On-sky Receiver Performance at 40, 90, 150, and 220 GHz Frequency Bands. Astrophysical Journal, 2022, 926, 33.	4.5	19
4	The EBEX Balloon-borne Experimentâ€™Detectors and Readout. Astrophysical Journal, Supplement Series, 2018, 239, 8.	7.7	13
5	Design and characterization of the Cosmology Large Angular Scale Surveyor (CLASS) 93 GHz focal plane. , 2018, , .		12
6	A cryogenic thermal source for detector array characterization. Review of Scientific Instruments, 2017, 88, 104501.	1.3	11
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	The Cosmology Large Angular Scale Surveyor receiver design. , 2018, , .		9
9	Intensity-coupled Polarization in Instruments with a Continuously Rotating Half-wave Plate. Astrophysical Journal, 2019, 876, 54.	4.5	2
10	Temperature calibration of the E and B Experiment. , 2017, , .		2
11	Anti-reflection coated vacuum window for the Primordial Inflation Polarization ExploreR (PIPER) balloon-borne instrument. Review of Scientific Instruments, 2021, 92, 035111.	1.3	1
12	Dielectric properties of conductively loaded polyimides in the far infrared. Optics Letters, 2018, 43, 5303.	3.3	1
13	Aerogel scattering filters for cosmic microwave background observations. Applied Optics, 2020, 59, 5439.	1.8	1