

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