

Nicholas Cothard

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

172
citations

1040056

9
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

423
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity of the Prime-Cam Instrument on the CCAT-Prime Telescope. <i>Journal of Low Temperature Physics</i> , 2020, 199, 1089-1097.	1.4	30
2	CCAT-Prime: science with an ultra-widefield submillimeter observatory on Cerro Chajnantor. , 2018, , .		24
3	The Simons Observatory Microwave SQUID Multiplexing Detector Module Design. <i>Astrophysical Journal</i> , 2021, 922, 38.	4.5	17
4	The Atacama Cosmology Telescope: Detection of Millimeter-wave Transient Sources. <i>Astrophysical Journal</i> , 2021, 915, 14.	4.5	15
5	Advanced ACTPol Low-Frequency Array: Readout and Characterization of Prototype 27 and 39ÅGHz Transition Edge Sensors. <i>Journal of Low Temperature Physics</i> , 2018, 193, 1103-1111.	1.4	14
6	The Design of the CCAT-prime Epoch of Reionization Spectrometer Instrument. <i>Journal of Low Temperature Physics</i> , 2020, 199, 898-907.	1.4	11
7	The Simons Observatory Large Aperture Telescope Receiver. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 23.	7.7	11
8	The Advanced ACTPol 27/39 GHz Array. <i>Journal of Low Temperature Physics</i> , 2018, 193, 1041-1047.	1.4	10
9	The Atacama Cosmology Telescope: Microwave Intensity and Polarization Maps of the Galactic Center. <i>Astrophysical Journal</i> , 2021, 920, 6.	4.5	10
10	The Atacama Cosmology Telescope: A Search for Planet 9. <i>Astrophysical Journal</i> , 2021, 923, 224.	4.5	10
11	Magnetic Sensitivity of AlMn TESes and Shielding Considerations for Next-Generation CMB Surveys. <i>Journal of Low Temperature Physics</i> , 2018, 193, 288-297.	1.4	9
12	Commercially Fabricated Antenna-Coupled Transition Edge Sensor Bolometer Detectors for Next-Generation Cosmic Microwave Background Polarimetry Experiment. <i>Journal of Low Temperature Physics</i> , 2020, 199, 1158-1166.	1.4	6
13	Developing AlMn Films for Argonne TES Fabrication. <i>Journal of Low Temperature Physics</i> , 2020, 199, 408-415.	1.4	5
14	Characterization of Aliased Noise in the Advanced ACTPol Receiver. <i>Journal of Low Temperature Physics</i> , 2020, 199, 762-770.	1.4	0