

Susanna Azzoni

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

112
citations

1307594

7
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Simons Observatory: Constraining inflationary gravitational waves with multitracer B -mode delensing. Physical Review D, 2022, 105, .	4.7	13
2	Moment expansion of polarized dust SED: A new path towards capturing the CMB B -modes with LiteBIRD. Astronomy and Astrophysics, 2022, 660, A111.	5.1	12
3	QUBIC IV: Performance of TES bolometers and readout electronics. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 037.	5.4	10
4	QUBIC I: Overview and science program. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 034.	5.4	20
5	The Simons Observatory: gain, bandpass and polarization-angle calibration requirements for B -mode searches. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 032.	5.4	14
6	A minimal power-spectrum-based moment expansion for CMB B -mode searches. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 047.	5.4	17
7	Parametric Amplification at Ka Band via Nonlinear Dynamics in Superconducting 3D Cavities. Journal of Low Temperature Physics, 2020, 200, 295-304.	1.4	2
8	The QUBIC instrument for CMB polarization measurements. Journal of Physics: Conference Series, 2020, 1548, 012016.	0.4	2
9	QUBIC: The Q & U Bolometric Interferometer for Cosmology. Journal of Low Temperature Physics, 2020, 199, 482-490.	1.4	8
10	TES Bolometer Arrays for the QUBIC B-Mode CMB Experiment. Journal of Low Temperature Physics, 2020, 199, 955-961.	1.4	6
11	A Closed-Cycle Miniature Dilution Refrigerator for a Fast-Cooldown 100 mK Detector Wafer Test Cryostat. Journal of Low Temperature Physics, 2020, 199, 771-779.	1.4	2
12	QUBIC: Using NbSi TESs with a Bolometric Interferometer to Characterize the Polarization of the CMB. Journal of Low Temperature Physics, 2020, 200, 363-373.	1.4	4
13	Detection chain and electronic readout of the QUBIC instrument. , 2020, , .		0
14	Calibration of QUBIC: The Q and U bolometric interferometer for cosmology. , 2020, , .		0
15	Development of a sorption-cooled continuous miniature dilution refrigerator for 100 mK detector testing. IOP Conference Series: Materials Science and Engineering, 2019, 502, 012135.	0.6	2