

# Susanna Azzoni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6287165/publications.pdf>

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	QUBIC I: Overview and science program. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 034.	5.4	20
2	A minimal power-spectrum-based moment expansion for CMB B-mode searches. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 047.	5.4	17
3	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
4	Simons Observatory: Constraining inflationary gravitational waves with multitracer $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -mode delensing. Physical Review D, 2022, 105, .	4.7	13
5	Moment expansion of polarized dust SED: A new path towards capturing the CMB $\langle i \rangle \text{B} \langle /i \rangle$ -modes with LiteBIRD. Astronomy and Astrophysics, 2022, 660, A111.	5.1	12
6	QUBIC IV: Performance of TES bolometers and readout electronics. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 037.	5.4	10
7	QUBIC: The Q & U Bolometric Interferometer for Cosmology. Journal of Low Temperature Physics, 2020, 199, 482-490.	1.4	8
8	TES Bolometer Arrays for the QUBIC B-Mode CMB Experiment. Journal of Low Temperature Physics, 2020, 199, 955-961.	1.4	6
9	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
10	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
11	Parametric Amplification at Ka Band via Nonlinear Dynamics in Superconducting 3D Cavities. Journal of Low Temperature Physics, 2020, 200, 295-304.	1.4	2
12	The QUBIC instrument for CMB polarization measurements. Journal of Physics: Conference Series, 2020, 1548, 012016.	0.4	2
13	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
14	Detection chain and electronic readout of the QUBIC instrument. , 2020, , .		0
15	Calibration of QUBIC: The Q and U bolometric interferometer for cosmology. , 2020, , .		0