

Tommaso Ghigna

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

237
citations

1937685

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h-index

2053705

5
g-index

12
all docs

12
docs citations

12
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	LiteBIRD satellite: JAXA's new strategic L-class mission for all-sky surveys of cosmic microwave background polarization. , 2020, , .		79
2	Updated Design of the CMB Polarization Experiment Satellite LiteBIRD. Journal of Low Temperature Physics, 2020, 199, 1107-1117.	1.4	64
3	The large scale polarization explorer (LSPE) for CMB measurements: performance forecast. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 008.	5.4	27
4	Concept design of the LiteBIRD satellite for CMB B-mode polarization. , 2018, , .		19
5	Progress Report on the Large-Scale Polarization Explorer. Journal of Low Temperature Physics, 2020, 200, 374-383.	1.4	16
6	Design and development of a polarization modulator unit based on a continuous rotating half-wave plate for LiteBIRD. , 2018, , .		8
7	Breadboard model of polarization modulator unit based on a continuously rotating half-wave plate for the low-frequency telescope of the LiteBIRD space mission. , 2020, , .		8
8	The STRIP instrument of the Large Scale Polarization Explorer: microwave eyes to map the Galactic polarized foregrounds. , 2018, , .		7
9	Permittivity and permeability of epoxyâ€™magnetite powder composites at microwave frequencies. Journal of Applied Physics, 2020, 127, 045102.	2.5	4
10	Overview of the medium and high frequency telescopes of the LiteBIRD space mission. , 2020, , .		3
11	Design of a Testbed for the Study of System Interference in Space CMB Polarimetry. Journal of Low Temperature Physics, 2020, 199, 622-630.	1.4	2
12	Simulation of the cosmic ray effects for the LiteBIRD satellite observing the CMB B-mode polarization. , 2020, , .		0