

H Arnaldi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3530493/publications.pdf>

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14
papers

1,218
citations

1478505

6
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

1481
citing authors

#	ARTICLE	IF	CITATIONS
1	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. <i>Experimental Astronomy</i> , 2011, 32, 193-316.	3.7	640
2	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013, 43, 3-18.	4.3	504
3	The QICK (Quantum Instrumentation Control Kit): Readout and control for qubits and detectors. <i>Review of Scientific Instruments</i> , 2022, 93, 044709.	1.3	31
4	The data acquisition system of the Latin American Giant Observatory (LAGO). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 820, 34-39.	1.6	9
5	QUBIC: The Q & U Bolometric Interferometer for Cosmology. <i>Journal of Low Temperature Physics</i> , 2020, 199, 482-490.	1.4	8
6	Calibration of a large water-Cherenkov detector at the Sierra Negra site of LAGO. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 861, 28-37.	1.6	7
7	TES Bolometer Arrays for the QUBIC B-Mode CMB Experiment. <i>Journal of Low Temperature Physics</i> , 2020, 199, 955-961.	1.4	6
8	Implementation of a Polyphase Filter Bank Channelizer on a Zynq FPGA. , 2020, , .		5
9	QUBIC: Using NbSi TESs with a Bolometric Interferometer to Characterize the Polarization of the CMB. <i>Journal of Low Temperature Physics</i> , 2020, 200, 363-373.	1.4	4
10	Setup and calibration of a particle detector based on charge coupled devices. , 2017, , .		1
11	Implementation of an AXI-compliant lock-in amplifier on the redpitaya open source instrument. , 2017, , .		1
12	The new data acquisition system of the LAGO Collaboration based on the Redpitaya board. , 2020, , .		1
13	Estudio de la seÑal de salida y diseÑo de la red de polarizaci3n de tubos fotomultiplicadores. <i>Elektron</i> , 2019, 3, 112-119.	0.2	1
14	Oversampled filter bank channelizer for cryogenic detectors. <i>Review of Scientific Instruments</i> , 2021, 92, 023304.	1.3	0