

Junya Suzuki

List of Publications by Year in descending order

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1307594

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17
docs citations

17
times ranked

754
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of two-level system noise for a microwave kinetic inductance detector comprising niobium film on a silicon substrate. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	2
2	A Forecast of the Sensitivity on the Measurement of the Optical Depth to Reionization with the GroundBIRD Experiment. Astrophysical Journal, 2021, 915, 88.	4.5	3
3	A method to measure superconducting transition temperature of microwave kinetic inductance detector by changing power of readout microwaves. AIP Advances, 2020, 10, .	1.3	2
4	DESHIMA on ASTE: On-Sky Responsivity Calibration of the Integrated Superconducting Spectrometer. Journal of Low Temperature Physics, 2020, 199, 231-239.	1.4	9
5	On-site performance of GroundBIRD, a CMB polarization telescope for large angular scale observations. , 2020, , .		2
6	First light demonstration of the integrated superconducting spectrometer. Nature Astronomy, 2019, 3, 989-996.	10.1	36
7	Wideband on-chip terahertz spectrometer based on a superconducting filterbank. Journal of Astronomical Telescopes, Instruments, and Systems, 2019, 5, 1.	1.8	30
8	GroundBIRD: Observation of CMB Polarization with a Rapid Scanning and MKIDs. Journal of Low Temperature Physics, 2018, 193, 1066-1074.	1.4	6
9	Development of a Data Acquisition System for Kinetic Inductance Detectors: Wide Dynamic Range and High Sampling Rate for Astronomical Observation. Journal of Low Temperature Physics, 2018, 193, 562-569.	1.4	8
10	LiteBIRD: lite satellite for the study of B-mode polarization and inflation from cosmic microwave background radiation detection. Proceedings of SPIE, 2016, , .	0.8	20
11	The Polarbear-2 and the Simons Array Experiments. Journal of Low Temperature Physics, 2016, 184, 805-810.	1.4	139
12	The POLARBEAR-2 Experiment. Journal of Low Temperature Physics, 2014, 176, 719-725.	1.4	8
13	The data acquisition system of the Belle silicon vertex detector (SVD) upgrade. IEEE Transactions on Nuclear Science, 2004, 51, 2064-2068.	2.0	2
14	The Belle trigger system with the new silicon vertex detector SVD2. IEEE Transactions on Nuclear Science, 2004, 51, 1852-1856.	2.0	2
15	Level-1 silicon vertex detector trigger at Belle. , 0, , .		0
16	The improved ladder production for the belle silicon vertex detector (SVD2.1). , 0, , .		0
17	The Belle L1.5 trigger. , 0, , .		0