

G H Gong

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring Lorentz Invariance Violation from Ultrahigh-Energy γ -ray Joint Determination of Reactor Antineutrino Spectra from Daya Bay, JUNO, and RENO. Physical Review Letters, 2021, 126, 071801.	7.8	19
2	Observation of the Crab Nebula with LHAASO-KM2A γ a performance study *. Chinese Physics C, 2021, 45, 025002.	7.8	12
3	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 γ -ray Galactic sources. Nature, 2021, 594, 33-36.	3.7	67
4	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR J0622+3749 Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	27.8	262
5	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	7.8	73
6	Petaelectron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	3.9	18
7	FPGA Implementation of an NCO Based CDR for the JUNO Front-End Electronics. IEEE Transactions on Nuclear Science, 2021, 68, 1952-1960.	12.6	86
8	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0
9	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	2.0	0
10	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. Radiation Detection Technology and Methods, 2021, 5, 531.	0.8	1
11	Improved Constraints on Sterile Neutrino Mixing from Disappearance Searches in the MINOS, Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2020, 125, 071801.	0.8	1
12	Preliminary Design of Integrated Digitizer Base for Photomultiplier Tube. IEEE Transactions on Nuclear Science, 2019, 66, 1130-1137.	7.8	40
13	Extraction of the γ -ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	2.0	7
14	The Design and Data-Throughput Performance of Readout Module Based on ZYNQ SoC. IEEE Transactions on Nuclear Science, 2018, 65, 1169-1179.	7.8	47
15	Measurement of the Electron Antineutrino Oscillation with 1958 Days of Operation at Daya Bay. Physical Review Letters, 2018, 121, 241805.	2.0	13
16	Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2017, 118, 251801.	7.8	168
17	Limits on Active to Sterile Neutrino Oscillations from Disappearance Searches in the MINOS, Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2016, 117, 151801.	7.8	129
18	Limits on Active to Sterile Neutrino Oscillations from Disappearance Searches in the MINOS, Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2016, 117, 151801.	7.8	71

#	ARTICLE	IF	CITATIONS
19	Improved Search for a Light Sterile Neutrino with the Full Configuration of the Daya Bay Experiment. Physical Review Letters, 2016, 117, 151802.	7.8	65
20	Readout system with 2-channel 8-bit 1GHz FADC based on RAIN1000Z1 ZYNQ module for crystal detector. , 2016, , .		6
21	High performance readout module based on ZYNQ with giga ethernet. , 2016, , .		2
22	Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2016, 116, 061801.	7.8	161
23	Combo FADC readout system with 8-channel 14-Bit 100MHz FADC and 2-channel 12-Bit 2GHz FADC for HPGe detector. , 2015, , .		4
24	New Measurement of Antineutrino Oscillation with the Full Detector Configuration at Daya Bay. Physical Review Letters, 2015, 115, 111802.	7.8	176
25	Design of Giga bit Ethernet readout module based on ZYNQ for HPGe. , 2014, , .		13
26	High resolution distributed time-to-digital converter (TDC) in a White Rabbit network. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 738, 13-19.	1.6	13
27	A 20-ps Time-to-Digital Converter (TDC) Implemented in Field-Programmable Gate Array (FPGA) with Automatic Temperature Correction. IEEE Transactions on Nuclear Science, 2014, 61, 1468-1473.	2.0	45
28	Search for a Light Sterile Neutrino at Daya Bay. Physical Review Letters, 2014, 113, 141802.	7.8	79
29	Spectral Measurement of Electron Antineutrino Oscillation Amplitude and Frequency at Daya Bay. Physical Review Letters, 2014, 112, 061801.	7.8	219
30	Development of multi-channel fast SiPM readout electronics for clinical TOF PET detector. , 2014, , .		3
31	8-channel 14-Bit 125MHz FADC electronics with 1G Ethernet readout based on ZYNQ for HPGe Detector. , 2014, , .		3
32	A 20-ps temperature compensated Time-to-Digital Converter (TDC) implemented in FPGA. , 2013, , .		2
33	Time interleaved ADCs for high speed high resolution data acquisition system. , 2013, , .		0
34	FADC electronics design for HPGe detector. , 2013, , .		0
35	Development of repeating event rejection logic in the LYSO detector using PMT-Quadrant-Sharing technique. , 2013, , .		0
36	Development of a White Rabbit interface for synchronous data acquisition and timing control. , 2012, , .		6

#	ARTICLE	IF	CITATIONS
37	GEM imaging detector based on FET array readout. , 2011, , .		1
38	Design of trigger test board for the Daya Bay neutrino experiment. , 2011, , .		0
39	SEARCH FOR NEUTRINOS FROM GRB 080319B AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 697, 730-734.	4.5	8
40	SEARCH FOR ASTROPHYSICAL NEUTRINO POINT SOURCES AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 704, 503-512.	4.5	29
41	Design of the Online Integral Dose Monitor System for BESIII EMC. Journal of Nuclear Science and Technology, 2008, 45, 253-255.	1.3	0
42	Beam Loss Monitor System for SSRF Storage Ring. Journal of Nuclear Science and Technology, 2008, 45, 425-427.	1.3	1