G H Gong

List of Publications by Year
in descending order

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42 papers	1,850 citations	471509 17 h-index	610901 24 g-index
42 all docs	42 docs citations	42 times ranked	1581 citing authors

#	Article	IF	Citations
1	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 Î³-ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
2	Spectral Measurement of Electron Antineutrino Oscillation Amplitude and Frequency at Daya Bay. Physical Review Letters, 2014, 112, 061801.	7.8	219
3	New Measurement of Antineutrino Oscillation with the Full Detector Configuration at Daya Bay. Physical Review Letters, 2015, 115, 111802.	7.8	176
4	Measurement of the Electron Antineutrino Oscillation with 1958 Days of Operation at Daya Bay. Physical Review Letters, 2018, 121, 241805.	7.8	168
5	Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2016, 116, 061801.	7.8	161
6	Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2017, 118, 251801.	7.8	129
7	Petaâ€“electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
8	Search for a Light Sterile Neutrino at Daya Bay. Physical Review Letters, 2014, 113, 141802.	7.8	79
9	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">J</mml:mi><mml:mn>0622</mml:mn><mml:mo>+</mml:mo><mml:mn>3749</mml:mn></mml:mrow></mm Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	7.8	73
10	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
11	Observation of the Crab Nebula with LHAASO-KM2A â˜† a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
12	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
13	Extraction of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">U</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>235</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Pu</mml:mi></mml:mrow><mml:mprescripts	7.8	47
14	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
15	Improved Constraints on Sterile Neutrino Mixing from Disappearance Searches in the MINOS, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>MINOS</mml:mi><mml:mo>+</mml:mo></mml:mrow></mml:math> , Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2020, 125, 071801.	7.8	40
16	SEARCH FOR ASTROPHYSICAL NEUTRINO POINT SOURCES AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 704, 503-512.	4.5	29
17	Exploring Lorentz Invariance Violation from Ultrahigh-Energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math> Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	7.8	19
18	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18

#	Article	IF	Citations
19	Design of Giga bit Ethernet readout module based on ZYNQ for HPGe. , 2014, , .		13
20	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
21	The Design and Data-Throughput Performance of Readout Module Based on ZYNQ SoC. IEEE Transactions on Nuclear Science, 2018, 65, 1169-1179.	2.0	13
22	Joint Determination of Reactor Antineutrino Spectra from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">U</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>235</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mm	7.8	12
23	SEARCH FOR NEUTRINOS FROM GRB 080319B AT SUPER-KAMIOKANDE. Astrophysical Journal, 2009, 697, 730-734.	4.5	8
24	Preliminary Design of Integrated Digitizer Base for Photomultiplier Tube. IEEE Transactions on Nuclear Science, 2019, 66, 1130-1137.	2.0	7
25	Development of a White Rabbit interface for synchronous data acquisition and timing control. , 2012, , .		6
26	Readout system with 2-channel 8-bit 1GHz FADC based on RAIN1000Z1 ZYNQ module for crystal detector. , 2016, , .		6
27	Combo FADC readout system with 8-channel 14-Bit 100MHz FADC and 2-channel 12-Bit 2GHz FADC for HPGe detector. , 2015, , .		4
28	Development of multi-channel fast SiPM readout electronics for clinical TOF PET detector. , 2014, , .		3
29	8-channel 14-Bit 125MHz FADC electronics with 1G Ethernet readout based on ZYNQ for HPGe Detector. , 2014, , .		3
30	A 20-ps temperature compensated Time-to-Digital Converter (TDC) implemented in FPGA. , 2013, , .		2
31	High performance readout module based on ZYNQ with giga ethernet. , 2016, , .		2
32	Beam Loss Monitor System for SSRF Storage Ring. Journal of Nuclear Science and Technology, 2008, 45, 425-427.	1.3	1
33	GEM imaging detector based on FET array readout. , 2011, , .		1
34	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
35	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
36	Design of the Online Integral Dose Monitor System for BESIII EMC. Journal of Nuclear Science and Technology, 2008, 45, 253-255.	1.3	0

#	Article	IF	Citations
37	Design of trigger test board for the Daya Bay neutrino experiment. , 2011, , .		0
38	Time interleaved ADCs for high speed high resolution data acquisition system. , 2013, , .		0
39	FADC electronics design for HPGe detector. , 2013, , .		0
40	Development of repeating event rejection logic in the LYSO detector using PMT-Quadrant-Sharing technique. , 2013, , .		0
41	FPGA Implementation of an NCO Based CDR for the JUNO Front-End Electronics. IEEE Transactions on Nuclear Science, 2021, 68, 1952-1960.	2.0	0
42	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0