

Zhimin Wang

List of Publications by Year in descending order

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23
papers

384
citations

1040056

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h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	A side-by-side comparison of Daya Bay antineutrino detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 685, 78-97.	1.6	121
2	A new gadolinium-loaded liquid scintillator for reactor neutrino detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 584, 238-243.	1.6	80
3	Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1.	4.7	39
4	The muon system of the Daya Bay Reactor antineutrino experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 773, 8-20.	1.6	33
5	The design and sensitivity of JUNO's scintillator radiopurity pre-detector OSIRIS. European Physical Journal C, 2021, 81, 1.	3.9	15
6	Radioactivity control strategy for the JUNO detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
7	Neutron beam tests of CsI(Na) and CaF ₂ (Eu) crystals for dark matter direct search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 818, 38-44.	1.6	12
8	Advantages of multiple detectors for the neutrino mass hierarchy determination at reactor experiments. Physical Review D, 2014, 89, .	4.7	11
9	JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.	3.9	11
10	Comparison on PMT waveform reconstructions with JUNO prototype. Journal of Instrumentation, 2019, 14, T08002-T08002.	1.2	9
11	Study of a prototype detector for the Daya Bay neutrino experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 489-493.	1.6	8
12	Maximum likelihood reconstruction of a detector with reflective panels. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 629, 296-302.	1.6	5
13	JUNO Central Detector and its prototyping. Journal of Physics: Conference Series, 2016, 718, 062075.	0.4	5
14	JUNO PMT system and prototyping. Journal of Physics: Conference Series, 2017, 888, 012052.	0.4	5
15	Study of a prototype water Cherenkov detector for the Daya Bay neutrino experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 682, 26-30.	1.6	4
16	Medium baseline reactor neutrino experiments with two identical detectors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 110-118.	4.1	4
17	The study of linearity and detection efficiency for 20â€³ photomultiplier tube. Radiation Detection Technology and Methods, 2019, 3, 1.	0.8	4
18	Exploring detection of nuclearites in a large liquid scintillator neutrino detector. Physical Review D, 2017, 95, .	4.7	3

#	ARTICLE	IF	CITATIONS
19	Neutron beam test of barium fluoride crystal for dark matter direct detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 833, 49-53.	1.6	2
20	First Data with the Daya Bay Muon Detectors. Journal of Physics: Conference Series, 2012, 375, 042065.	0.4	0
21	Using mineral oil to improve the performance of multi-crystal detectors for dark matter searching. Journal of Instrumentation, 2017, 12, P09022-P09022.	1.2	0
22	Preliminary Calibration of Spherical Proportional Counter for Low Energy Nuclear Recoils. Springer Proceedings in Physics, 2018, , 101-106.	0.2	0
23	JUNO Detector Design & Status. Journal of Physics: Conference Series, 2021, 2156, 012113.	0.4	0