Zhimin Wang

List of Publications by Year
in descending order

23 papers	384 citations	1040056 9 h-index	794594 19 g-index
23 all docs	23 docs citations	23 times ranked	316 citing authors

#	Article	IF	Citations
1	Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1.	4.7	39
2	JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.	3.9	11
3	The design and sensitivity of JUNOâ€™s scintillator radiopurity pre-detector OSIRIS. European Physical Journal C, 2021, 81, 1.	3.9	15
4	Radioactivity control strategy for the JUNO detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
5	JUNO Detector Design & Status. Journal of Physics: Conference Series, 2021, 2156, 012113.	0.4	0
6	Comparison on PMT waveform reconstructions with JUNO prototype. Journal of Instrumentation, 2019, 14, T08002-T08002.	1.2	9
7	The study of linearity and detection efficiency for 20â€³ photomultiplier tube. Radiation Detection Technology and Methods, 2019, 3, 1.	0.8	4
8	Preliminary Calibration of Spherical Proportional Counter for Low Energy Nuclear Recoils. Springer Proceedings in Physics, 2018, , 101-106.	0.2	0
9	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
10	Exploring detection of nuclearites in a large liquid scintillator neutrino detector. Physical Review D, 2017, 95, .	4.7	3
11	JUNO PMT system and prototyping. Journal of Physics: Conference Series, 2017, 888, 012052.	0.4	5
12	JUNO Central Detector and its prototyping. Journal of Physics: Conference Series, 2016, 718, 062075.	0.4	5
13	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
14	Neutron beam tests of CsI(Na) and CaF2(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
15	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
16	Advantages of multiple detectors for the neutrino mass hierarchy determination at reactor experiments. Physical Review D, 2014, 89, .	4.7	11
17	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
18	First Data with the Daya Bay Muon Detectors. Journal of Physics: Conference Series, 2012, 375, 042065.	0.4	0

#	Article	IF	Citations
19	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
20	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
21	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
22	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
23	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