

Liang Zhan

List of Publications by Year in descending order

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19
papers

1,218
citations

1040056

9
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

1206
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 JUNO'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	Improving the energy resolution of the reactor antineutrino energy reconstruction with positron direction. Radiation Detection Technology and Methods, 2020, 4, 356-361.	0.8	0
6	The Reactor Neutrino Energy Spectrum Measurement with a High Pressure Gas TPC Detector. , 2020, , .		0
7	Neutrino-Based Tools for Nuclear Verification and Diplomacy in North Korea. Science and Global Security, 2019, 27, 15-28.	0.3	7
8	Neutrino physics for Korean diplomacy. Science, 2018, 362, 649-650.	12.6	1
9	Mass hierarchy sensitivity of medium baseline reactor neutrino experiments with multiple detectors. Nuclear Physics B, 2017, 918, 245-256.	2.5	7
10	Improved Measurement of Reactor Flux and Spectrum at Daya Bay. Journal of Physics: Conference Series, 2017, 888, 012132.	0.4	0
11	Neutrino Oscillation Physics at JUNO. , 2017, , .		0
12	Neutrino physics with JUNO. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 030401.	3.6	750
13	JUNO: A Next Generation Reactor Antineutrino Experiment. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1825-1829.	0.5	1
14	Daya Bay II and Future Reactor Experiments. Nuclear Physics, Section B, Proceedings Supplements, 2013, 237-238, 114-116.	0.4	5
15	Unambiguous determination of the neutrino mass hierarchy using reactor neutrinos. Physical Review D, 2013, 88, .	4.7	177
16	Neutron-gamma discrimination of CsI(Na) crystals for dark matter searches. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 642, 52-58.	1.6	13
17	Fast light of CsI(Na) crystals. Chinese Physics C, 2011, 35, 1130-1133.	3.7	8
18	Experimental requirements to determine the neutrino mass hierarchy using reactor neutrinos. Physical Review D, 2009, 79, .	4.7	73

#	ARTICLE	IF	CITATIONS
19	Determination of the neutrino mass hierarchy at an intermediate baseline. Physical Review D, 2008, 78, .	4.7	98