

Hanyu Wei

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

863
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1024
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Neyman-Pearson chi-square: An improved approximation to the Poisson-likelihood chi-square. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 961, 163677.	1.6	21
2	Ionization electron signal processing in single phase LArTPCs. Part II. Data/simulation comparison and performance in MicroBooNE. Journal of Instrumentation, 2018, 13, P07007-P07007.	1.2	56
3	Ionization electron signal processing in single phase LArTPCs. Part I. Algorithm Description and quantitative evaluation with MicroBooNE simulation. Journal of Instrumentation, 2018, 13, P07006-P07006.	1.2	59
4	Physics prospects of the Jinping neutrino experiment. Chinese Physics C, 2017, 41, 023002.	3.7	74
5	Discovery potential for supernova relic neutrinos with slow liquid scintillator detectors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 255-261.	4.1	23
6	Data Unfolding with Wiener-SVD Method. Journal of Instrumentation, 2017, 12, P10002-P10002.	1.2	17
7	Measurement of electron antineutrino oscillation based on 1230 days of operation of the Daya Bay experiment. Physical Review D, 2017, 95, .	4.7	118
8	New measurement of θ_{13} via neutron capture on hydrogen at Daya Bay. Physical Review D, 2016, 93, .	4.7	26
9	Search for the rare decay $K^+ \rightarrow \pi^+ \pi^0 \pi^0$. Physical Review D, 2016, 94, .	4.7	12
10	Design, characterization, and sensitivity of the supernova trigger system at Daya Bay. Astroparticle Physics, 2016, 75, 38-43.	4.3	10
11	Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2016, 116, 061801.	7.8	161
12	Highlight on Supernova Early Warning at Daya Bay. Physics Procedia, 2015, 61, 802-806.	1.2	2
13	New Measurement of Antineutrino Oscillation with the Full Detector Configuration at Daya Bay. Physical Review Letters, 2015, 115, 111802.	7.8	176
14	Search for heavy neutrinos in $K \rightarrow \pi \pi \nu$. Physical Review D, 2015, 91, .	4.7	66
15	Independent measurement of the neutrino mixing angle θ_{13} via neutron capture on hydrogen at Daya Bay. Physical Review D, 2014, 90, .	4.7	42