

Zheng Wang

List of Publications by Year in descending order

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20
papers

148
citations

1307594

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23
all docs

23
docs citations

23
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutron energy spectrum measurement of the Back-n white neutron source at CSNS. European Physical Journal A, 2019, 55, 1.	2.5	47
2	The 6LiF-silicon detector array developed for real-time neutron monitoring at white neutron beam at CSNS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 946, 162497.	1.6	18
3	Measurement of the neutron total cross section of carbon at the Back-n white neutron beam of CSNS. Nuclear Science and Techniques/Hewuli, 2019, 30, 1.	3.4	13
4	Measurement of the differential cross sections and angle-integrated cross sections of the ${}^6\text{Li}(n, t){}^4\text{He}$ reaction from 1.0 eV to 3.0 MeV at the CSNS Back-n white neutron source *. Chinese Physics C, 2020, 44, 014003.	3.7	13
5	Electronics of Time-of-Flight Measurement for Back-n at CSNS. IEEE Transactions on Nuclear Science, 2019, 66, 1095-1099.	2.0	9
6	Detection of low-energy charged-particle using the $\hat{\nu}$ E-E telescope at the Back-n white neutron source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 981, 164343.	1.6	9
7	Measurement of the neutron total cross section of carbon at the Back-n white neutron beam of CSNS. Nuclear Science and Techniques/Hewuli, 2019, 30, 1.	2.9	7
8	Discovery potential of new boson in the Minimal Higgsless model at LHC. Nuclear Physics B, 2009, 819, 201-209.	2.5	6
9	Measurement of the neutron energy spectrum of Back-n #ES1 at CSNS. EPJ Web of Conferences, 2020, 239, 17018.	0.3	6
10	Experimental result of back-streaming white neutron beam characterization at Chinese spallation neutron source. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 080101.	0.5	6
11	Real-time digital trigger system for GTAF-II at CSNS Back-n white neutron source. Journal of Instrumentation, 2021, 16, P10029.	1.2	3
12	Prospects for a new boson $W_{\hat{A}\pm 1}$ in the minimal Higgsless model at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 075004.	3.6	2
13	Prototype of readout electronics for GAEA gamma spectrometer of Back-n facility at CSNS. Journal of Instrumentation, 2022, 17, P03022.	1.2	2
14	Sensitivity to measure the anomalous gauge couplings of the Higgs boson via $W\hat{A}\pm 1$ at the CERN LHC. Physical Review D, 2008, 78, .	4.7	1
15	A study of hadronic shower development in the ECAL of the alpha magnetic spectrometer II. Chinese Physics C, 2011, 35, 763-768.	3.7	1
16	Application of the parametric formulae for electromagnetic showers in unconverted $\hat{\nu}$ $\hat{\nu}$ discrimination. Chinese Physics C, 2011, 35, 269-277.	3.7	1
17	Calibration of pulse transit time through a cable for EAS experiments. Chinese Physics C, 2014, 38, 066202.	3.7	1
18	Discrimination of converted photons and neutral pions at high energies. Chinese Physics C, 2012, 36, 979-984.	3.7	0

#	ARTICLE	IF	CITATIONS
19	A method for the separation and reconstructions of charged hadron and neutral hadron from their overlapped showers in an electromagnetic calorimeter. Chinese Physics C, 2013, 37, 096202.	3.7	0
20	EFFECT FROM THE GLUON-FUSION SIGNAL AND BACKGROUND INTERFERENCE FOR HIGGS DECAYING TO $\hat{\nu}\hat{\nu}$ ANALYSIS AT THE LHC. Modern Physics Letters A, 2013, 28, 1350081.	1.2	0