

Kejun Zhu

List of Publications by Year in descending order

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74
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citing authors

#	ARTICLE	IF	CITATIONS
1	Amplitude analysis and branching fraction measurement of the decay $D_{s^+} \rightarrow \bar{K}^0 \pi^+ \pi^0$. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
2	Neutron capture cross section of ^{169}Tm measured at the CSNS Back-n facility in the energy region from 30 to 300 keV *. Chinese Physics C, 2022, 46, 044002.	3.7	5
3	Amplitude analysis and branching-fraction measurement of $D_{s^+} \rightarrow \bar{K}^0 \pi^+ \pi^0$. Journal of High Energy Physics, 2022, 2022, 1.	4.7	0
4	Search for the decay $h_c \rightarrow \eta \pi^0 \pi^+$. Journal of High Energy Physics, 2022, 2022, 1.	4.7	0
5	Search for new hadronic decays of h_c and observation of $h_c \rightarrow \rho^0 \eta$. Journal of High Energy Physics, 2022, 2022, .	4.7	0
6	Cross section measurements of the $e^+e^- \rightarrow D^{*+} D^0 \pi^+$ and $e^+e^- \rightarrow D^{*+} D^0 \pi^+$ processes at center-of-mass energies from 4.085 to 4.600 GeV. Journal of High Energy Physics, 2022, 2022, .	4.7	2
7	Control and monitoring software of LHAASO DAQ. Radiation Detection Technology and Methods, 2022, 6, 227-233.	0.8	1
8	Background study for $D_{s^+} \rightarrow \bar{K}^0 \pi^+ \pi^0$ section measurements with C. $D_{s^+} \rightarrow \bar{K}^0 \pi^+ \pi^0$. Journal of High Energy Physics, 2022, 2022, .	1.6	16
9	Measurement of the relative differential cross sections of the $H(n,el)$ reaction in the neutron energy range from 6 MeV to 52 MeV. European Physical Journal A, 2021, 57, 1.	2.5	5
10	Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1.	4.7	39
11	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 γ -ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
12	Measurement of the $D_{s^+} \rightarrow \bar{K}^0 \pi^+ \pi^0$ and $D_{s^+} \rightarrow \bar{K}^0 \pi^+ \pi^0$ coherence factors and average strong-phase differences in quantum-correlated $D_{s^+} \rightarrow \bar{K}^0 \pi^+ \pi^0$ decays. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
13	Initial years \hat{e} ™ neutron-induced cross-section measurements at the CSNS Back-n white neutron source *. Chinese Physics C, 2021, 45, 062001.	3.7	7
14	Amplitude analysis and branching-fraction measurement of $D_{s^+} \rightarrow \bar{K}^0 \pi^+ \pi^0$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
15	Search for the rare semi-leptonic decay $J/\psi \rightarrow D^0 e^+ e^- + c.c.$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
16	Measurement of differential cross sections of neutron-induced deuteron production reactions on carbon from 25 to 52 MeV *. Chinese Physics C, 2021, 45, 064001.	3.7	0
17	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
18	Petaelectron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86

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19	Measurement of the neutron total cross sections of aluminum at the back-n white neutron source of CSNS. European Physical Journal A, 2021, 57, 1.	2.5	5
20	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0
21	The Study of Calibration for the Hybrid Pixel Detector With Single Photon Counting in HEPS-BPIX. IEEE Transactions on Nuclear Science, 2021, 68, 2088-2095.	2.0	3
22	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
23	A Dual Module Parallel Readout System Based on 10 Gb TCP/IP Transmission for HEPS-BPIX Detector. IEEE Transactions on Nuclear Science, 2021, 68, 2624-2629.	2.0	1
24	JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.	3.9	11
25	Observation of $e^+e^- \rightarrow \tau^+ \tau^- (2S)$ at center-of-mass energies from 4.236 to 4.600 GeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
26	DAQ readout prototype for JUNO. Radiation Detection Technology and Methods, 2021, 5, 600.	0.8	2
27	The design and sensitivity of JUNO's scintillator radiopurity pre-detector OSIRIS. European Physical Journal C, 2021, 81, 1.	3.9	15
28	Radioactivity control strategy for the JUNO detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
29	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. Radiation Detection Technology and Methods, 2021, 5, 531.	0.8	1
30	Observation of the decays $\bar{J}/\psi \rightarrow \gamma \{ \mathit{nk} \}_{ \mathit{S} }^{\overline{\Lambda}} + c.c..$ Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
31	Measurement of relative differential cross sections of the neutron-deuteron elastic scattering for neutron energy from 13 to 52 MeV. European Physical Journal A, 2021, 57, 1.	2.5	4
32	Measurement of branching fractions of J/ψ and $\psi(3686)$ decays to Λ^0 and $\overline{\Sigma}^0$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
33	HEPS-BPIX2: The hybrid pixel detector upgrade for high energy photon source in China. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162488.	1.6	3
34	The TSV process in the hybrid pixel detector for the High Energy Photon Source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 980, 164425.	1.6	4
35	Detection of low-energy charged-particle using the ψ -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
36	Observation of $X(2370)$ and search for $X(2120)$ in $J/\psi \rightarrow \gamma K^* \eta$. European Physical Journal C, 2020, 80, 1.	3.9	13

#	ARTICLE	IF	CITATIONS
37	Measurement of the σ_{total} cross section for neutron energies from 0.4 MeV to 40 MeV from the back-streaming white neutron beam at the China Spallation Neutron Source. Physical Review C, 2020, 102, .	2.9	7
38	Measurement of the absolute branching fraction of the inclusive decay $\Lambda_c^+ \rightarrow K_S^0 X$. European Physical Journal C, 2020, 80, 1.	3.9	2
39	Application of a silicon detector array in reaction cross-section measurements at the CSNS Back-n white neutron source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 971, 164125.	1.6	6
40	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
41	Measurement of the neutron energy spectrum of Back-n #ES1 at CSNS. EPJ Web of Conferences, 2020, 239, 17018.	0.3	6
42	Observation of a Near-Threshold Enhancement in the $pp\bar{A}^-$ Mass Spectrum from Radiative $J/\psi \rightarrow \bar{A}^+ \bar{A}^- \bar{A}^-$ Decays. , 2020, , .		0
43	Measurements of the Cross Section for $e^+e^- \rightarrow \bar{A}^+ \bar{A}^-$ Hadrons at Center-of-Mass Energies from 2 to 5 GeV. , 2020, , .		0
44	Observation of the Decay $\bar{A}^+ \rightarrow K^0 \bar{A}^0$. , 2020, , .		0
45	Observation of a Resonance $X(1835)$ in $J/\psi \rightarrow \bar{A}^+ \bar{A}^- \bar{A}^-$. , 2020, , .		0
46	Measurements of neutron-induced light-charged particle emission reactions. EPJ Web of Conferences, 2020, 239, 01001.	0.3	0
47	Neutron energy spectrum measurement of the Back-n white neutron source at CSNS. European Physical Journal A, 2019, 55, 1.	2.5	47
48	The C6D6 detector system on the Back-n beam line of CSNS. Radiation Detection Technology and Methods, 2019, 3, 1.	0.8	17
49	Pressure-induced enhancement of thermoelectric power factor in pristine and hole-doped SnSe crystals. RSC Advances, 2019, 9, 26831-26837.	3.6	7
50	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
51	An SOA-Based Design of JUNO DAQ Online Software. IEEE Transactions on Nuclear Science, 2019, 66, 1199-1203.	2.0	3
52	Electronics of Time-of-Flight Measurement for Back-n at CSNS. IEEE Transactions on Nuclear Science, 2019, 66, 1095-1099.	2.0	9
53	Measurements of differential and angle-integrated cross sections for the ${}^{10}\text{B}(n, \alpha){}^7\text{Li}$ reaction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 946, 162497.	3.7	9
54	JUNO DAQ Readout and Event Building Research. IEEE Transactions on Nuclear Science, 2019, 66, 1217-1221.	2.0	2

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55	The Design of BESIII CGEM Detector Control System. , 2018, , .		0
56	A High Frame Rate Test System for the HEPS-BPIX Based on NI-sbRIO Board. IEEE Transactions on Nuclear Science, 2017, 64, 1316-1319.	2.0	5
57	Study of MRPC technology for BESIII endcap-TOF upgrade. Radiation Detection Technology and Methods, 2017, 1, 1.	0.8	129
58	HEPS-BPIX, a single photon counting pixel detector with a high frame rate for the HEPS project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 835, 169-176.	1.6	14
59	Improved measurement of the absolute branching fraction of $D^+ \rightarrow K^+ \mu^+ \nu_\mu$. European Physical Journal C, 2016, 76, 1.	3.9	39
60	The DAQ system for a beam detection system based on TPC-THGEM. , 2016, , .		1
61	The cosmic ray test of MRPCs for the BESIII ETOF upgrade. European Physical Journal C, 2016, 76, 1.	3.9	15
62	A high frame rate pixel readout chip design for synchrotron radiation applications. , 2015, , .		6
63	Design and implementation of DAQ readout system for the Daya Bay Reactor Neutrino Experiment. , 2012, , .		0
64	DAQ Architecture Design of Daya Bay Reactor Neutrino Experiment. IEEE Transactions on Nuclear Science, 2011, 58, 1723-1727.	2.0	24
65	Search for $\bar{\Lambda}^0$ charmless final states involving \bar{K}^0 or \bar{K}^0_S mesons. European Physical Journal C, 2010, 66, 11-16.	3.9	3
66	The architecture of BESIII offline database. , 2009, , .		0
67	RECENT RESULTS FROM BESII J/ψ DECAYS. International Journal of Modern Physics A, 2009, 24, 428-433.	1.5	1
68	Experimental studies of $e^+e^- \rightarrow \mu^+\mu^-$ some charmless processes containing K^0_S at $\sqrt{s}=3.773$ and 3.65 GeV. European Physical Journal C, 2009, 64, 243.	3.9	4
69	Online data processing and analyzing in BESIII DAQ. , 2009, , .		5
70	Research and design of DAQ system for Daya Bay Reactor Neutrino Experiment. , 2008, , .		3
71	Design and implementation of BESIII online farm. , 2008, , .		6
72	The implementation and application of statecharts in real-time system in high energy physics. IEEE Transactions on Nuclear Science, 2006, 53, 1032-1038.	2.0	2