

Guofu Cao

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

7,706
citations

87888

38
h-index

49909

87
g-index

112
all docs

112
docs citations

112
times ranked

5365
citing authors

#	ARTICLE	IF	CITATIONS
1	Vacuum ultraviolet high-reflectance aluminum mirrors on copper substrate for application in noble liquid time projection chamber. Vacuum, 2022, 197, 110806.	3.5	2
2	Amplitude analysis and branching fraction measurement of the decay $D_s^+ \rightarrow \bar{K}^0 \pi^+$. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
3	First Measurement of Polarizations in the Decay $D^0 \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review Letters, 2022, 128, 011802.	7.8	0
4	Measurement of the Cross Section for $e^+e^- \rightarrow \text{Hadrons}$ at Energies from 2.2324 to 3.6710 GeV. Physical Review Letters, 2022, 128, 062004.	7.8	12
5	Observation of the Singly Cabibbo Suppressed Decay $D^0 \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review Letters, 2022, 128, 142001.	7.8	12
6	Amplitude analysis and branching-fraction measurement of $D_s^+ \rightarrow \bar{K}^0 \pi^+$. Journal of High Energy Physics, 2022, 2022, 1.	4.7	0
7	A new optical model for photomultiplier tubes. European Physical Journal C, 2022, 82, 1.	3.9	4
9	Search for the decay $hc \rightarrow \bar{K}^0 \pi^+$. Journal of High Energy Physics, 2022, 2022, 1.	4.7	0
10	Search for new hadronic decays of hc and observation of $hc \rightarrow \bar{K}^0 \pi^+$. Journal of High Energy Physics, 2022, 2022, .	4.7	0
11	Cross section measurements of the $e^+e^- \rightarrow D^*+D^*$ and $e^+e^- \rightarrow D^*+D_s^*$ processes at center-of-mass energies from 4.085 to 4.600 GeV. Journal of High Energy Physics, 2022, 2022, .	4.7	2
12	Observation of a Near-Threshold Structure in the Recoil-Mass Spectra in $D^0 \rightarrow \pi^0 \pi^+ \pi^-$. Physical Review Letters, 2021, 126, 102001.	7.8	135
13	Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1.	4.7	39
14	Model-Independent Determination of the Spin of the D^0 and Its Polarization Alignment in $D^0 \rightarrow \pi^0 \pi^+ \pi^-$. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 996, 165110.	7.8	13
15	Evaluation of the KLAUS ASIC at low temperature. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 996, 165110.	1.6	1
16	Measurement of the $D^0 \rightarrow \bar{K}^0 \pi^+$ and $D^0 \rightarrow \bar{K}^0 \pi^0$ coherence factors and average strong-phase differences in quantum-correlated D^0 decays. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
17	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
18	Search for the rare semi-leptonic decay $J/\psi \rightarrow D_s^+ e^+ \pi^- + c.c..$ Journal of High Energy Physics, 2021, 2021, 1.	4.7	3

#	ARTICLE	IF	CITATIONS
19	Direct Measurement of the Branching Fractions $B(\tilde{\chi}^0(3686) \rightarrow J/\psi \gamma)$ and $B(\tilde{\chi}^0(3770) \rightarrow J/\psi \gamma)$, and Observation of the State $R(3760)$ in $e^+e^- \rightarrow J/\psi \gamma$. Physical Review Letters, 2021, 127, 082002.	7.8	1
20	Observation of $\langle \mathcal{M} \rangle$. Physical Review Letters, 2021, 127, 151801.	7.8	10
21	Measurement of the Absolute Branching Fraction of $\tilde{\chi}^0(3686) \rightarrow J/\psi \gamma$. Physical Review Letters, 2021, 127, 151801.	7.8	33
22	JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.	3.9	11
23	Measurement of the Absolute Branching Fraction of $\tilde{\chi}^0(3686) \rightarrow J/\psi \gamma$. Physical Review Letters, 2021, 127, 151801.	3.9	10
24	Observation of $e^+e^- \rightarrow \tilde{\chi}^0(2S) \rightarrow J/\psi \gamma$ at center-of-mass energies from 4.236 to 4.600 GeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
25	The design and sensitivity of JUNO's scintillator radiopurity pre-detector OSIRIS. European Physical Journal C, 2021, 81, 1.	3.9	15
26	Radioactivity control strategy for the JUNO detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
27	Observation of the decays $\tilde{\chi}^0 \rightarrow \gamma \gamma$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
28	Measurement of branching fractions of J/ψ and $\tilde{\chi}^0(3686)$ decays to $\tilde{\chi}^0 + \gamma$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
29	Reflection of silicon photomultipliers in linear alkylbenzene. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 977, 317177.	1.6	1
30	Improved Constraints on Sterile Neutrino Mixing from Disappearance Searches in the MINOS, Daya Bay, and Reactor Experiments. Physical Review Letters, 2020, 125, 071801.	7.8	33
31	Observation of the Doubly Cabibbo-Suppressed Decay $\tilde{\chi}^0 \rightarrow J/\psi \gamma$. Physical Review Letters, 2020, 125, 141802.	7.8	40
32	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
33	Measurement of the absolute branching fraction of the inclusive decay $\tilde{\chi}^0 \rightarrow K_S^0 \gamma$. European Physical Journal C, 2020, 80, 1.	3.9	2
34	Measurement of the Absolute Branching Fraction of $\tilde{\chi}^0(3686) \rightarrow J/\psi \gamma$. Physical Review Letters, 2020, 125, 141802.	3.9	6
35	Determination of Strong-Phase Parameters in $D \rightarrow K^* K$. Physical Review Letters, 2020, 124, 241802.	7.8	21

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37	Measurements of Absolute Branching Fractions of Fourteen Exclusive Hadronic D Decays to $\bar{\Lambda}^0$. Physical Review Letters, 2020, 124, 241803.	7.8	17
38	Study of Open-Charin Decays and Radiative Transitions of the $\chi_c(3872)$. Physical Review Letters, 2020, 124, 242001.	7.8	17
39	First Observation of $D^0 \rightarrow \pi^+ \pi^- \pi^0$ and $D^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$. Physical Review Letters, 2020, 124, 231801.	7.8	18
40	Measurement of Proton Electromagnetic Form Factors in $e^+e^- \rightarrow p\bar{p}$. Physical Review Letters, 2020, 124, 231801.	7.8	60
41	Measurement of the Cross Section for $e^+e^- \rightarrow \Lambda^0 \bar{\Lambda}^0$. Physical Review Letters, 2020, 124, 042001.	7.8	26
42	Observation of a Resonant Structure in $e^+e^- \rightarrow K^0 \bar{K}^0$. Physical Review Letters, 2020, 124, 112001.	7.8	38
43	Reflectance of Silicon Photomultipliers at Vacuum Ultraviolet Wavelengths. IEEE Transactions on Nuclear Science, 2020, 67, 2501-2510.	2.0	8
44	Observation of a Charged Charmoniumlike Structure in $e^+e^- \rightarrow \psi(4230)^+ J/\psi$ at $s=4.26 \text{ GeV}$. , 2020, , .		0
45	Measurements of Absolute Hadronic Branching Fractions of the Λ_c^+ Baryon. , 2020, , .		0
46	Observation of $e^+e^- \rightarrow \psi(3872) X(3802)$ at BESIII. , 2020, , .		0
47	Precise Measurement of the $e^+e^- \rightarrow \psi(4230)^+ \psi(4230)^-$ Cross Section at Center-of-Mass Energies from 3.77 to 4.60 GeV. , 2020, , .		0
48	Observation of a Charged Charmoniumlike Structure $Z_c(4020)$ and Search for the $Z_c(3900)$ in $e^+e^- \rightarrow \psi(4230)^+ \psi(4230)^- hc$. , 2020, , .		0
49	Observation of an Anomalous Line Shape of the $\psi(4230)^+ \psi(4230)^-$ Mass Spectrum near the $pp^{\bar{A}}$ Mass Threshold in $J/\psi \rightarrow \psi(4230)^+ \psi(4230)^-$. , 2020, , .		0
50	Study of $e^+e^- \rightarrow \psi(4230)^+ \psi(4230)^- \pi^0$ and Observation of $e^+e^- \rightarrow \psi(4230)^+ \psi(4230)^- \pi^+ \pi^-$. Physical Review Letters, 2019, 122, 232002.	7.8	54
51	Search for Neutrinoless Double- χ^0 Decay with the Complete EXO-200 Dataset. Physical Review Letters, 2019, 123, 161802.	7.8	163
52	Extraction of the $\chi_c(3872)$ and $\chi_c(3930)$ Branching Fractions. Physical Review Letters, 2019, 123, 112001.	7.8	47
53	Measurement of the $\chi_c(3872)$ and First Observation of the $\chi_c(3930)$. Physical Review Letters, 2019, 123, 112001.	7.8	22
54	Complete Measurement of the $\chi_c(3872)$ Electromagnetic Form Factors. Physical Review Letters, 2019, 123, 122003.	7.8	44

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55	Observation of the Decay $X \rightarrow 3872 \bar{1} \bar{0} 0$. Evidence of a Resonant Structure in the $P \rightarrow T_1 \text{ETOq1 } 1.0784314 \text{ rgBT /Overlock } 10 \text{ Tf } 50 \text{ 722}$	7.8	29
56	Precision Measurement of the Branching Fractions of $\hat{\Delta}^2$ Decays. Physical Review Letters, 2019, 122, 142002.	7.8	10
57	Determination of the Pseudoscalar Decay Constant f_D via First Measurement of the Form Factors in $D \rightarrow K^0 \pi^0$. Physical Review Letters, 2019, 122, 061801.	7.8	33
58	Observation of the Leptonic Decay $D \rightarrow \ell^+ \ell^-$. Physical Review Letters, 2019, 123, 211802.	7.8	23
59	Decay into the $D \rightarrow \ell^+ \ell^-$ Study of the $D \rightarrow \ell^+ \ell^-$ Dynamics and Test of Lepton Universality with $D \rightarrow \ell^+ \ell^-$. Precision Measurement of the $D \rightarrow \ell^+ \ell^-$. Physical Review Letters, 2019, 122, 011804.	7.8	29
60	Search for Neutrinoless Double-Beta Decay with the Upgraded EXO-200 Detector. Physical Review Letters, 2018, 120, 072701.	7.8	66
61	Parallel computing of SNIPEr based on Intel TBB. Journal of Physics: Conference Series, 2018, 1085, 032009.	0.4	1
62	Measurement of the Branching Fraction For the Semileptonic Decay $D^0 \rightarrow \ell^+ \ell^- \pi^0$ and Test of Lepton Flavor Universality. Physical Review Letters, 2018, 121, 171803.	7.8	42
63	Measurement of the Absolute Branching Fraction of the Inclusive Semileptonic Decay. Physical Review Letters, 2018, 121, 251801.	7.8	19
64	Measurement of the Electron Antineutrino Oscillation with 1958 Days of Operation at Daya Bay. Physical Review Letters, 2018, 121, 241805.	7.8	168
65	Measurement of the Absolute Branching Fraction of the Inclusive Decay $D \rightarrow \ell^+ \ell^-$. Precision Study of $D \rightarrow \ell^+ \ell^-$ Decay Dynamics. Physical Review Letters, 2018, 120, 242003.	7.8	19
66	Measurement of the Absolute Branching Fraction of the Inclusive Decay $D \rightarrow \ell^+ \ell^-$. Precision Study of $D \rightarrow \ell^+ \ell^-$ Decay Dynamics. Physical Review Letters, 2018, 120, 242003.	7.8	35

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73	Observation of $\langle \text{mml:math xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \dots \rangle$		



#	ARTICLE	IF	CITATIONS
91	Improved measurement of the absolute branching fraction of $D^+ \rightarrow \bar{K}^0 \mu^+ \nu$ in liquid xenon using the EXO-200 detector. <i>Physical Review C</i> , 2016, 76, 1.	3.9	39
92	Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay. <i>Physical Review Letters</i> , 2016, 116, 061801.	7.8	161
93	Investigation of radioactivity-induced backgrounds in EXO-200. <i>Physical Review C</i> , 2015, 92, .	2.9	32
94	Measurements of the ion fraction and mobility of I^{\pm} in liquid xenon using the EXO-200 detector. <i>Physical Review C</i> , 2015, 92, .	2.9	36
95	Observation and Spin-Parity Determination of the $X(1835)$. <i>Physical Review Letters</i> , 2015, 115, 221805.	7.8	47
96	Measurement of the Absolute Branching Fraction for $D^+ \rightarrow \bar{K}^0 \mu^+ \nu$. <i>Physical Review Letters</i> , 2015, 115, 221805.	7.8	34
97	Measurement of the Absolute Branching Fraction for $D^+ \rightarrow \bar{K}^0 \mu^+ \nu$. <i>Physical Review Letters</i> , 2015, 115, 221805.	7.8	49
98	Measurement of the Absolute Branching Fraction for $D^+ \rightarrow \bar{K}^0 \mu^+ \nu$. <i>Physical Review Letters</i> , 2015, 115, 221805.	7.8	71
99	Threshold in $D^+ \rightarrow \bar{K}^0 \mu^+ \nu$. <i>Physical Review Letters</i> , 2015, 115, 221805.	7.8	70
100	New Measurement of Antineutrino Oscillation with the Full Detector Configuration at Daya Bay. <i>Physical Review Letters</i> , 2015, 115, 111802.	7.8	176
101	Study of $D^+ \rightarrow \bar{K}^0 \mu^+ \nu$. <i>Physical Review Letters</i> , 2015, 115, 221805.	7.8	106
102	Center of Mass Energies from 4.21 to 4.42 GeV. <i>Physical Review Letters</i> , 2015, 114, 092003.	7.8	103
103	An apparatus to manipulate and identify individual Ba ions from bulk liquid Xe. <i>Review of Scientific Instruments</i> , 2014, 85, 095114.	1.3	14
104	Observation of $X(1835)$. <i>Physical Review Letters</i> , 2014, 112, 251801.	7.8	22
105	Observation of a Charged Charmoniumlike Structure in $D^+ \rightarrow \bar{K}^0 \mu^+ \nu$. <i>Physical Review Letters</i> , 2014, 113, 092003.	7.8	116
106	Observation of a Charged Charmoniumlike Structure in $D^+ \rightarrow \bar{K}^0 \mu^+ \nu$. <i>Physical Review Letters</i> , 2014, 113, 092003.	7.8	116

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109	Search for a Light Sterile Neutrino at Daya Bay. Physical Review Letters, 2014, 113, 141802.	7.8	79
110	Spectral Measurement of Electron Antineutrino Oscillation Amplitude and Frequency at Daya Bay. Physical Review Letters, 2014, 112, 061801.	7.8	219
111	Observation of Electron-Antineutrino Disappearance at Daya Bay. Physical Review Letters, 2012, 108, 171803.	6.57	1,751
112	Observation of Electron-Antineutrino Disappearance at Daya Bay. Physical Review Letters, 2012, 108, 171803.	7.8	1,751