

Xu Cao

List of Publications by Year in descending order

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32
papers

664
citations

623734

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32
all docs

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docs citations

32
times ranked

454
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron-ion collider in China. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	208
2	Phenomenological analysis of the double-pion production in nucleon-nucleon collisions up to $2\sqrt{s}$ GeV. <i>Physical Review C</i> , 2010, 81, .	2.9	60
3	Confronting pentaquark photoproduction with new LHCb observations. <i>Physical Review D</i> , 2019, 100, .	4.7	52
4	Baryons and baryon resonances in nuclear matter. <i>Progress in Particle and Nuclear Physics</i> , 2018, 98, 119-206.	14.4	31
5	Coupled-channel analysis of $K\bar{K}^*$ production on the nucleon up to 2.0 GeV. <i>Physical Review C</i> , 2013, 88, .	2.9	30
6	Role of the $N^*(1535)$ in η' production. <i>Physical Review C</i> , 2008, 78, .	2.9	28
7	Role of the $\rho(770)$ in the $\eta \rightarrow \pi^+\pi^-\pi^0$ reaction close to threshold. <i>Physical Review D</i> , 2015, 92, .	4.7	28
8	Photoproduction of strange hidden-charm and hidden-bottom states. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	23
9	Evidence of $N^*(1535)$ in η' production. <i>Physical Review D</i> , 2015, 92, .	2.9	20
10	Vector mesons and electromagnetic form factor of the $\Lambda(1520)$. <i>Physical Review D</i> , 2018, 98, .	4.7	18
11	Photoproduction of hidden-bottom pentaquark and related topics. <i>Physical Review D</i> , 2020, 101, .	4.7	18
12	Neutral pion photoproduction on the nucleon in a chiral quark model. <i>Physical Review C</i> , 2015, 92, .	2.9	15
13	$N^*(1535)$ contribution in $pp \rightarrow p\pi^+\pi^-\pi^0$ and $pn \rightarrow p\pi^+\pi^-\pi^0$. <i>Chinese Physics C</i> , 2009, 33, 1381-1384.	3.7	14
14	Identifying hidden charm pentaquark signal from non-resonant background in electron-proton scattering *. <i>Chinese Physics C</i> , 2020, 44, 084102.	3.7	13
15	Phenomenological study on the reactions. <i>Nuclear Physics A</i> , 2011, 861, 23-36.	1.5	12
16	Production of hidden-charm and hidden-bottom pentaquark states in electron-proton collisions *. <i>Chinese Physics C</i> , 2021, 45, 043105.	3.7	9
17	Timelike nucleon electromagnetic form factors: All about interference of isospin amplitudes. <i>Physical Review D</i> , 2022, 105, .	4.7	9

#	ARTICLE	IF	CITATIONS
19	The Role of a $\Lambda(1260)$ in $\bar{K}^* p \rightarrow \Lambda(1260) p$ and $\bar{K}^* p \rightarrow \Lambda(1260) p$ Reactions Near Threshold. Communications in Theoretical Physics, 2016, 66, 675-680.	2.5	7
20	Hunting for the heavy quark spin symmetry partner of Σ_{cs} . European Physical Journal C, 2022, 82, 1.	3.9	6
21	DOUBLE PION PRODUCTION IN NN AND Σ NN COLLISIONS. International Journal of Modern Physics A, 2011, 26, 505-510.	1.5	5
22	Spin parity of $\Lambda(1405)$. Physical Review D, 2017, 96, 054006.	4.7	5
23	The R value in the vicinity of $\Lambda(3770)$ state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 321-324.	4.1	3
24	Disentangling the nature of resonances in coupled-channel models. Chinese Physics C, 2015, 39, 041002.	3.7	3
25	Nucleon resonances in $\bar{K}^* N$ and $J/\psi \rightarrow p \bar{p} \Lambda$. Chinese Physics C, 2016, 40, 083103.	3.7	3
26	Compton scattering off proton in the third resonance region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 274-278.	4.1	3
27	Reexamination of the role of the $\Lambda(1405)$ resonance in the $\bar{K}^* p \rightarrow \Lambda(1405) p$ reaction. Physical Review D, 2017, 96, 054006.	2.9	2
28	Single-spin asymmetries in SIDIS induced by anomalous quark-gluon and quark-photon couplings. Physical Review D, 2017, 96, .	4.7	1
29	Parton distributions and $\Lambda(1405)$ asymmetry induced by anomalous photon-quark coupling. Physical Review D, 2018, 97, .		
30	$N[\sup \hat{-}]$ production from pp and $p\bar{p}$ collisions. , 2011, , .		0
31	Production and Interactions of Hyperons and Hypernuclei. , 2017, , .		0
32	Charmonium resonances and Fano line shapes. , 2020, , .		0