

Xu Cao

List of Publications by Year in descending order

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times ranked

454
citing authors

#	ARTICLE	IF	CITATIONS
1	Hunting for the heavy quark spin symmetry partner of Σ_{cs} . European Physical Journal C, 2022, 82, 1.	3.9	6
2	Timelike nucleon electromagnetic form factors: All about interference of isospin amplitudes. Physical Review D, 2022, 105, .	4.7	9
3	Photoproduction of strange hidden-charm and hidden-bottom states. European Physical Journal C, 2021, 81, 1.	3.9	23
4	Production of hidden-charm and hidden-bottom pentaquark states in electron-proton collisions *. Chinese Physics C, 2021, 45, 043105.	3.7	9
5	Strange molecular partners of the $\Lambda(1520)$. Physical Review D, 2021, 103, 054011.	4.7	52
6	Electron-ion collider in China. Frontiers of Physics, 2021, 16, 1.	5.0	208
7	Identifying hidden charm pentaquark signal from non-resonant background in electron-proton scattering *. Chinese Physics C, 2020, 44, 084102.	3.7	13
8	Photoproduction of hidden-bottom pentaquark and related topics. Physical Review D, 2020, 101, .	4.7	18
9	Charmonium resonances and Fano line shapes. , 2020, , .		0
10	Spin parity of $\Lambda(1520)$. Physical Review D, 2020, 102, 054011.	4.7	5
11	Confronting pentaquark photoproduction with new LHCb observations. Physical Review D, 2019, 100, .	4.7	37
12	Baryons and baryon resonances in nuclear matter. Progress in Particle and Nuclear Physics, 2018, 98, 119-206.	14.4	31
13	Vector mesons and electromagnetic form factor of the Λ hyperon. Physical Review D, 2018, 98, .	4.7	18
14	Parton distributions and asymmetry induced by anomalous photon-quark coupling. Physical Review D, 2018, 97, .	4.7	1
15	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
16	Single-spin asymmetries in SIDIS induced by anomalous quark-gluon and quark-photon couplings. Physical Review D, 2017, 96, .	4.7	1
17	Production and Interactions of Hyperons and Hypernuclei. , 2017, , .		0
18	Nucleon resonances in ΛN and ΣN systems. Chinese Physics C, 2016, 40, 083103.	3.7	3

#	ARTICLE	IF	CITATIONS
19	The Role of a $\rho(1260)$ in $\pi^+ p \rightarrow \rho^+ p$ and $\pi^+ p \rightarrow \rho^0 p$ Reactions Near Threshold. Communications in Theoretical Physics, 2016, 66, 675-680.	2.5	7
20	The R value in the vicinity of $\rho(3770)$ state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 321-324. Reexamination of the role of the $\rho(3770)$	4.1	3
21	Reexamination of the role of the $\rho(3770)$ resonances in the $\pi^+ p \rightarrow \rho^+ p$ reaction.	2.9	2
22	Neutral pion photoproduction on the nucleon in a chiral quark model. Physical Review C, 2015, 92, .	2.9	15
23	Role of the $\rho(2940)$ in the $\pi^+ p \rightarrow \rho^+ p$ reaction close to threshold. Physical Review D, 2015, 92, .	4.7	28
24	Disentangling the nature of resonances in coupled-channel models. Chinese Physics C, 2015, 39, 041002.	3.7	3
25	Coupled-channel analysis of $K^+ p \rightarrow \rho^+ p$ production on the nucleon up to 2.0 GeV. Physical Review C, 2013, 88, .	2.9	30
26	Phenomenological study on the reactions. Nuclear Physics A, 2011, 861, 23-36.	1.5	12
27	$N^*(1535)$ production from pp and $p\bar{p}$ collisions. , 2011, , .		0
28	DOUBLE PION PRODUCTION IN NN AND $\bar{N}N$ COLLISIONS. International Journal of Modern Physics A, 2011, 26, 505-510.	1.5	5
29	Phenomenological analysis of the double-pion production in nucleon-nucleon collisions up to 2 GeV. Evidence for $\rho(3770)$	2.9	60
30	$N^*(1535)$ production in pp collisions.	2.9	20
31	$N^*(1535)$ contribution in $pp \rightarrow \rho^+ p$ and $pn \rightarrow d\pi^+$. Chinese Physics C, 2009, 33, 1381-1384.	3.7	14
32	Role of the $N^*(1535)$ in $\pi^+ p$ production. Physical Review C, 2008, 78, .	2.9	28