

Xurong Chen

List of Publications by Year in descending order

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48
papers

914
citations

623734

14
h-index

477307

29
g-index

48
all docs

48
docs citations

48
times ranked

651
citing authors

#	ARTICLE	IF	CITATIONS
1	The Current Status of Electron Ion Collider in China. <i>Few-Body Systems</i> , 2022, 63, .	1.5	4
2	The neutron and proton mass radii from the vector meson photoproduction data on the deuterium target. <i>European Physical Journal A</i> , 2022, 58, .	2.5	1
3	Production of vector mesons in pentaquark state resonance channel in p-A ultraperipheral collisions *. <i>Chinese Physics C</i> , 2021, 45, 014107.	3.7	5
4	Calibration strategy of the JUNO experiment. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	39
5	Analytical solution of Balitsky-Kovchegov equation with homogeneous balance method. <i>Physical Review D</i> , 2021, 103, .	4.7	7
6	An analysis of parton distribution functions of the pion and the kaon with the maximum entropy input. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	19
7	Production of hidden-charm and hidden-bottom pentaquark states in electron-proton collisions *. <i>Chinese Physics C</i> , 2021, 45, 043105.	3.7	9
8	Extraction of the proton mass radius from the vector meson photoproductions near thresholds. <i>Physical Review D</i> , 2021, 103, .	4.7	21
9	Production of bottomonium-like $Z_{b\bar{c}}$ states in e-h and ultraperipheral h-h collisions *. <i>Chinese Physics C</i> , 2021, 45, 054102.	3.7	1
10	Electron-ion collider in China. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	208
11	Probing charmonium-like XYZ states in hadron-hadron ultraperipheral collisions and electron-proton scattering. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	5
12	JUNO sensitivity to low energy atmospheric neutrino spectra. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	11
13	Proton and deuteron mass radii from near-threshold γ -meson photoproduction. <i>Physical Review D</i> , 2021, 104, .	4.7	7
14	Light front wave functions and diffractive electroproduction of vector mesons. <i>Physical Review D</i> , 2021, 104, .	4.7	5
15	The design and sensitivity of JUNO's scintillator radiopurity pre-detector OSIRIS. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	15
16	Radioactivity control strategy for the JUNO detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	13
17	Ground state pseudoscalar mesons on the light front: From the light to heavy sector. <i>Physical Review D</i> , 2021, 104, .	4.7	5
18	Pion valence quark distributions from maximum entropy method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 800, 135066.	4.1	14

#	ARTICLE	IF	CITATIONS
19	The origin of proton mass from J/ψ photo-production data. European Physical Journal C, 2020, 80, 1.	3.9	37
20	Near-threshold photoproduction of J/ψ in two-gluon exchange model. European Physical Journal C, 2020, 80, 1.	3.9	14
21	Selected Science Opportunities for the EicC. Few-Body Systems, 2020, 61, 1.	1.5	56
22	A sterile neutrino search at compact materials irradiation facility. European Physical Journal C, 2020, 80, 1.	3.9	0
23	Systematic study of the production of hidden-bottom pentaquarks via $\gamma p \rightarrow \gamma p \Lambda_b^0$ and $\gamma p \rightarrow \gamma p \Lambda_b^+$ and Discovery potential for the LHCb fully charm tetraquark T_{cc} . European Physical Journal C, 2020, 80, 1.	4.7	12
24	Discovery potential for the LHCb fully charm tetraquark T_{cc} . European Physical Journal C, 2020, 80, 1.	4.7	22
25	Estimation of $\gamma p \rightarrow \gamma p \Lambda_b^0$ production in ep process near threshold. European Physical Journal C, 2020, 80, 1.	3.9	11
26	Exclusive J/ψ photoproduction in a diffractive process using the AdS/QCD holographic wave function in BLFQ. International Journal of Modern Physics A, 2018, 33, 1850034.	1.5	0
27	Exclusive photoproduction of vector mesons in proton-lead ultraperipheral collisions at the LHC. Nuclear Physics A, 2018, 970, 316-324.	1.5	9
28	Meson production in two-photon interaction in pp and pA ultraperipheral collisions at the LHC and FCC. International Journal of Modern Physics E, 2018, 27, 1850075.	1.0	1
29	Gottfried sum rule from maximum entropy method quark distributions with DGLAP evolution and with DGLAP evolution with GLR-MQ-ZRS corrections. Chinese Physics C, 2018, 42, 103103.	3.7	1
30	Photoproduction of vector mesons in proton-proton ultraperipheral collisions at the CERN Large Hadron Collider. International Journal of Modern Physics A, 2018, 33, 1850086.	1.5	4
31	A Plan for Electron Ion Collider in China. , 2018, , .		18
32	J/ψ production in PbPb ultraperipheral collisions at $\sqrt{s_{NN}}=2.76$ TeV. Nuclear Physics A, 2017, 957, 477-490.	1.5	4
33	Global study of nuclear modifications on parton distribution functions. Nuclear Physics B, 2017, 920, 1-19.	2.5	23
34	Incoherent vector mesons production in PbPb ultraperipheral collisions at the LHC. Nuclear Physics A, 2017, 959, 56-65.	1.5	12
35	Faddeev fixed center approximation to $\gamma p \rightarrow \gamma p \Lambda_b^0$ and $\gamma p \rightarrow \gamma p \Lambda_b^+$ system and the T_{cc} system and the T_{cc} system. European Physical Journal C, 2020, 80, 1.		

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37	Coherent photoproduction of J/ψ and ψ' mesons in pp and PbPb ultraperipheral collisions from dynamical gluon distributions. Chinese Physics C, 2017, 41, 114105.	3.7	0
38	Photoproduction of hidden-charm states in the reaction near threshold. Chinese Physics C, 2016, 40, 124104.	3.7	24
39	The coherent cross section of vector mesons in ultraperipheral PbPb collisions at the LHC. European Physical Journal C, 2016, 76, 1.	3.9	20
40	A determination of the flavor asymmetric sea quarks in the proton. European Physical Journal Plus, 2016, 131, 1.	2.6	151
41	A novel travel-time based similarity measure for hierarchical clustering. Neurocomputing, 2016, 173, 3-8.	5.9	21
42	Y-stringlike behavior of a static baryon at finite temperature. Physical Review D, 2015, 91, .	4.7	10
43	Nuclear force and the EMC effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 267-271.	4.1	7
44	Valence quark distributions of the proton from maximum entropy approach. Physical Review D, 2015, 91, .	4.7	11
45	Applications of a nonlinear evolution equation I: The parton distributions in the proton. International Journal of Modern Physics E, 2014, 23, 1450057.	1.0	12
46	Applications of a nonlinear evolution equation II: The EMC effect. International Journal of Modern Physics E, 2014, 23, 1450058.	1.0	5
47	Noise reduction by combining smearing with multi-level integration methods. International Journal of Modern Physics E, 2014, 23, 1460008.	1.0	5
48	Sudakov factor in deep inelastic scattering of a current off a large nucleus. Physical Review D, 2014, 89, .	4.7	3