

Ritu Aggarwal

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

721
citations

567281

15
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552781

26
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52
all docs

52
docs citations

52
times ranked

4829
citing authors

#	ARTICLE	IF	CITATIONS
1	Charged particle production in pp collisions at $s = 8, 7$ and 2.76 TeV at the LHC-a case study. International Journal of Modern Physics E, 2021, 30, 2150005.	1.0	2
2	Investigation of particle production in \sqrt{s} collisions using statistical distributions. International Journal of Modern Physics E, 2021, 30, 2150007.	1.0	1
3	Statistical Scrutiny of Particle Spectra in ep Collisions. Physics, 2021, 3, 757-780.	1.4	0
4	Comparative study of charged multiplicities and moments in pp collisions at $\sqrt{s} = 7$ TeV in the forward region at the LHC. Physical Review D, 2020, 102, .	4.7	2
5	Study of proton parton distribution functions at high x using ZEUS data. Physical Review D, 2020, 101, .	4.7	5
6	Compelling Evidence of Oscillatory Behaviour of Hadronic Multiplicities in the Shifted Gompertz Distribution. Advances in High Energy Physics, 2020, 2020, 1-12.	1.1	5
7	Two-particle azimuthal correlations as a probe of collective behaviour in deep inelastic ep scattering at HERA. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
8	Some Compelling Overview of Charged Particle Multiplicity Distribution in pp Collisions at the LHC. Springer Proceedings in Physics, 2020, , 205-211.	0.2	0
9	Investigation of parton densities at very high x . , 2020, , .		0
10	Limits on contact interactions and leptoquarks at HERA. Physical Review D, 2019, 99, .	4.7	8
11	Charm production in charged current deep inelastic scattering at HERA. Journal of High Energy Physics, 2019, 2019, 1.	4.7	4
12	Study of Transfer Matrix for high- x ZEUS data. , 2019, , .		0
13	Combination and QCD analysis of charm and beauty production cross-section measurements in deep inelastic ep scattering at HERA. European Physical Journal C, 2018, 78, 1.	3.9	49
14	Further studies of isolated photon production with a jet in deep inelastic scattering at HERA. Journal of High Energy Physics, 2018, 2018, 1.	4.7	3
15	Measurement of beauty and charm production in deep inelastic scattering at HERA and measurement of the beauty-quark mass. Journal of High Energy Physics, 2014, 2014, 1.	4.7	33
16	Deep inelastic cross-section measurements at large x with the ZEUS detector at HERA. Physical Review D, 2014, 90, .	4.7	30
17	Measurement of D^0 photoproduction at three different centre-of-mass energies at HERA. Journal of High Energy Physics, 2014, 2014, 1.	4.7	1
18	Measurement of beauty and charm production in deep inelastic scattering at HERA and measurement of the beauty-quark mass. Journal of High Energy Physics, 2014, 2014, 1.	4.7	14

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19	Measurement of neutral current $\hat{\epsilon}$ cross sections at high Bjorken x with the ZEUS detector. Physical Review D, 2014, 89, .	4.7	6
20	Further studies of the photoproduction of isolated photons with a jet at HERA. Journal of High Energy Physics, 2014, 2014, 1.	4.7	3
21	Photoproduction of isolated photons, inclusively and with a jet, at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 293-301.	4.1	10
22	Measurement of beauty and charm production in deep inelastic scattering at HERA and measurement of the beauty-quark mass. , 2014, 2014, 1.		2
23	Measurement of $D^* \hat{\epsilon}$ production in deep inelastic scattering at HERA. Journal of High Energy Physics, 2013, 2013, 1.	4.7	8
24	Measurement of $D \hat{\epsilon}$ production in deep inelastic ep scattering with the ZEUS detector at HERA. Journal of High Energy Physics, 2013, 2013, 1.	4.7	8
25	Measurement of inelastic J/ψ and Υ photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
26	Measurement of charm fragmentation fractions in photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	4.7	23
27	Production of the excited charm mesons and at HERA. Nuclear Physics B, 2013, 866, 229-254.	2.5	13
28	Production of $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x$	4.1	6
29	Combination and QCD analysis of charm production cross section measurements in deep-inelastic ep scattering at HERA. European Physical Journal C, 2013, 73, 1.	3.9	134
30	Measurement of high- Q^2 neutral current deep inelastic $e p$ scattering cross sections with a longitudinally polarized positron beam at HERA. Physical Review D, 2013, 87, .	4.7	18
31	Angular correlations in three-jet events in ep collisions at HERA. Physical Review D, 2012, 85, .	4.7	2
32	Inclusive-jet photoproduction at HERA and determination of. Nuclear Physics B, 2012, 864, 1-37.	2.5	39
33	Measurement of isolated photons accompanied by jets in deep inelastic ep scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 88-97.	4.1	9
34	Combined inclusive diffractive cross sections measured with forward proton spectrometers in deep inelastic ep scattering at HERA. European Physical Journal C, 2012, 72, 1.	3.9	33
35	Search for first-generation leptoquarks at HERA. Physical Review D, 2012, 86, .	4.7	25
36	Exclusive electroproduction of two pions at HERA. European Physical Journal C, 2012, 72, 1.	3.9	7

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37	Error bars for distributions of numbers of events. European Physical Journal Plus, 2012, 127, 1.	2.6	16
38	Scaled momentum distributions for K_{S^0} and Λ/Λ in DIS at HERA. Journal of High Energy Physics, 2012, 2012, 1.	4.7	1
39	High-NC and CC cross sections at HERA and proton structure. Nuclear Physics, Section B, Proceedings Supplements, 2012, 222-224, 3-10.	0.4	0
40	Measurement of the t dependence in exclusive photoproduction of $\bar{t}t$ at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 14-20.	4.1	14
41	Search for single-top production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 27-36.	4.1	32
42	Measurement of beauty production in deep inelastic scattering at HERA using decays into electrons. European Physical Journal C, 2011, 71, 1.	3.9	13
43	Measurement of heavy-quark jet photoproduction at HERA. European Physical Journal C, 2011, 71, 1.	3.9	13
44	Study of taupair production at HERA. Journal of High Energy Physics, 2011, 2011, 1.	4.7	1
45	Measurement of the energy dependence of the total photon-proton cross section at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 184-193.	4.1	6
46	Measurement of beauty production in DIS and extraction at ZEUS. European Physical Journal C, 2010, 69, 347-360.	3.9	19
47	Measurement of high- Q^2 charged current deep inelastic scattering cross sections with a longitudinally polarised positron beam at HERA. European Physical Journal C, 2010, 70, 945-963.	3.9	29
48	Inclusive dijet cross sections in neutral current deep inelastic scattering at HERA. European Physical Journal C, 2010, 70, 965-982.	3.9	27
49	Measurement of D^+ and \bar{D}^0 production in deep inelastic scattering at HERA. Journal of High Energy Physics, 2010, 2010, 1.	4.7	5
50	Inclusive jet cross sections in NC DIS at HERA and a comparison of the k_T and T algorithms, anti- k_T and $SIScone$ jet algorithms. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 697, 184-193.	4.1	24