

MKaur

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4042885/publications.pdf>

Version: 2024-02-01

70
papers

1,990
citations

471371

17
h-index

243529

44
g-index

73
all docs

73
docs citations

73
times ranked

5552
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined measurement and QCD analysis of the inclusive $e^{\pm} p$ scattering cross sections at HERA. Journal of High Energy Physics, 2010, 2010, 1.	1.6	458
2	Combination of measurements of inclusive deep inelastic $e^{\pm} p$ scattering cross sections and QCD analysis of HERA data. European Physical Journal C, 2015, 75, 1.	1.4	383
3	Challenges in QCD matter physics –The scientific programme of the Compressed Baryonic Matter experiment at FAIR. European Physical Journal A, 2017, 53, 1.	1.0	222
4	Combination and QCD analysis of charm production cross section measurements in deep-inelastic ep scattering at HERA. European Physical Journal C, 2013, 73, 1.	1.4	134
5	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9, 2.36, \text{ and } 7 \text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	106
6	Studies of hadronic event structure in e^+e^- annihilation from 30 to 209GeV with the L3 detector. Physics Reports, 2004, 399, 71-174.	10.3	90
7	Measurement of D^{\pm} and D^0 production in deep inelastic scattering using a lifetime tag at HERA. European Physical Journal C, 2009, 63, 171-188.	1.4	47
8	Measurement of charm and beauty production in deep inelastic ep scattering from decays into muons at HERA. European Physical Journal C, 2010, 65, 65-79.	1.4	46
9	Combined inclusive diffractive cross sections measured with forward proton spectrometers in deep inelastic ep scattering at HERA. European Physical Journal C, 2012, 72, 1.	1.4	33
10	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.	1.6	33
11	Measurement of high- Q^2 neutral current deep inelastic $e^{\pm} p$ scattering cross sections with a longitudinally polarised electron beam at HERA. European Physical Journal C, 2009, 62, 625-658.	1.4	30
12	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.	1.4	29
13	Measurement of charged current deep inelastic scattering cross sections with a longitudinally polarised electron beam at HERA. European Physical Journal C, 2009, 61, 223-235.	1.4	28
14	Inclusive dijet cross sections in neutral current deep inelastic scattering at HERA. European Physical Journal C, 2010, 70, 965-982.	1.4	27
15	Measurement of charm fragmentation fractions in photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	23
16	Study of Charged Particle Multiplicity in 50 GeV/c \bar{p} -Emulsion Interaction. Journal of the Physical Society of Japan, 1978, 44, 1078-1082.	0.7	19
17	Measurement of beauty production in DIS and extraction at ZEUS. European Physical Journal C, 2010, 69, 347-360.	1.4	19
18	Measurement of charged-particle multiplicity distributions and their Hq moments in hadronic Z decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 577, 109-119.	1.5	14

#	ARTICLE	IF	CITATIONS
19	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.	1.6	14
20	Measurement of beauty production in deep inelastic scattering at HERA using decays into electrons. European Physical Journal C, 2011, 71, 1.	1.4	13
21	Measurement of heavy-quark jet photoproduction at HERA. European Physical Journal C, 2011, 71, 1.	1.4	13
22	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	13
23	Measurement of J/ψ photoproduction at large momentum transfer at HERA. Journal of High Energy Physics, 2010, 2010, 1.	1.6	12
24	Evidence of antimagnetic rotation in ^{100}Pd . Physical Review C, 2020, 102, 1.	1.1	12
25	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	12
26	Production of exclusive dijets in diffractive deep inelastic scattering at HERA. European Physical Journal C, 2016, 76, 1.	1.4	10
27	A New Distribution for Multiplicities in Leptonic and Hadronic Collisions at High Energies. Advances in High Energy Physics, 2018, 2018, 1-12.	0.5	9
28	Events with an isolated lepton and missing transverse momentum and measurement of W production at HERA. Journal of High Energy Physics, 2010, 2010, 1.	1.6	8
29	Measurement of $D^*\hat{A}_{\pm}$ production in deep inelastic scattering at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	8
30	Measurement of $D^*\hat{A}_{\pm}$ production in deep inelastic ep scattering with the ZEUS detector at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	8
31	Subjet distributions in deep inelastic scattering at HERA. European Physical Journal C, 2009, 63, 527-548.	1.4	7
32	Exclusive electroproduction of two pions at HERA. European Physical Journal C, 2012, 72, 1.	1.4	7
33	Measurement of inelastic J/ψ and $\gamma^* \rightarrow e^+e^-$ photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
34	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
35	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
36	Measurement of D^+ and \hat{c}^+ production in deep inelastic scattering at HERA. Journal of High Energy Physics, 2010, 2010, 1.	1.6	5

#	ARTICLE	IF	CITATIONS
55	Charged particle production in pp collisions at $\sqrt{s} = 8, 7$ and 2.76 TeV at the LHC—a case study. International Journal of Modern Physics E, 2021, 30, 2150005.	0.4	2
56	Measurement of beauty and charm production in deep inelastic scattering at HERA and measurement of the beauty-quark mass. , 2014, 2014, 1.		2
57	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
58	Measurement of the inclusive $\overline{t}t$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
59	Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	2
60	RAPIDITY DEPENDENCE OF MULTIPLICITY DISTRIBUTIONS IN ALPHA-EMULSION INTERACTIONS AT 12.4A GEV. International Journal of Modern Physics A, 1990, 05, 3985-3997.	0.5	1
61	Study of taupair production at HERA. Journal of High Energy Physics, 2011, 2011, 1.	1.6	1
62	Scaled momentum distributions for K_S^0 and $\Lambda/\bar{\Lambda}$ in DIS at HERA. Journal of High Energy Physics, 2012, 2012, 1.	1.6	1
63	Nuclear dynamics at the geometry of vanishing flow in heavy-ion collisions. Physics of Particles and Nuclei Letters, 2013, 10, 521-527.	0.1	1
64	Subjet Multiplicities at LHC Energies and the QCD Color Factor Ratio. Advances in High Energy Physics, 2013, 2013, 1-11.	0.5	1
65	Measurement of D^{\pm} photoproduction at three different centre-of-mass energies at HERA. Journal of High Energy Physics, 2014, 2014, 1.	1.6	1
66	Investigation of particle production in $\sqrt{s} = 2.76$ TeV collisions using statistical distributions. International Journal of Modern Physics E, 2021, 30, 2150007.	0.4	1
67	Observation of $B^0 \rightarrow \psi(2S)K^0_{\text{charm}}$ and $B^0_{\text{charm}} \rightarrow \psi(2S)K^0_{\text{charm}}$ decays. European Physical Journal C, 2022, 82, .	1.4	1
68	Universal multiplicity hypothesis of QCD. Il Nuovo Cimento A, 1978, 47, 200-209.	0.2	0
69	Statistical Scrutiny of Particle Spectra in ep Collisions. Physics, 2021, 3, 757-780.	0.5	0
70	Some Compelling Overview of Charged Particle Multiplicity Distribution in pp Collisions at the LHC. Springer Proceedings in Physics, 2020, , 205-211.	0.1	0