

# Salvatore De Pasquale

## List of Publications by Year in descending order

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646  
papers

32,712  
citations

3149

92  
h-index

7496

151  
g-index

653  
all docs

653  
docs citations

653  
times ranked

9749  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	0.5	811
2	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	2.9	659
3	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	1.5	561
4	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	2.9	507
5	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	0.5	486
6	Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 107, 032301.	2.9	482
7	Production of multi-strange hadrons in high-multiplicity proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	1.1	465
8	Combined measurement and QCD analysis of the inclusive $e^+e^-$ scattering cross sections at HERA. Journal of High Energy Physics, 2010, 2010, 1.	1.6	458
9	ALICE: Physics Performance Report, Volume II. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 1295-2040.	1.4	441
10	Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	1.5	433
11	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	6.5	399
12	Multiplicity dependence of pion, kaon, proton and lambda production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 25-38.	1.5	307
13	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	1.5	301
14	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	2.9	296
15	Exclusive photoproduction of $J/\psi$ mesons at HERA. European Physical Journal C, 2002, 24, 345-360.	1.4	270
16	Production of multi-strange hadrons in high-multiplicity proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	2.9	270
17	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physical Review C, 2013, 88, 054907.	1.1	267
18	Observation of events with a large rapidity gap in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 315, 481-493.	1.5	239

#	ARTICLE	IF	CITATIONS
19	Long-range angular correlations of $\Upsilon$ , $K$ and $p$ in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	1.5	235
20	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	228
22	Measurement of the proton structure function F2 in ep scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 412-426.	1.5	219
23	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 7$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	1.4	212
24	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	1.5	210
25	Production of pions, kaons and protons in pp collisions at $\sqrt{s} = 900$ GeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	209
26	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	1.4	203
27	Charmonium and $e + e^+$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	1.4	202
28	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. European Physical Journal C, 2013, 73, 2456.	1.4	202
29	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 0.9$ and $2.36$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	1.4	199
30	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	2.9	194
31	A measurement of $\int f_{tot}(\hat{p})$ at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 293, 465-477.	1.5	192
32	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	0.5	189
33	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	1.5	189
34	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	1.5	188
35	Pion, kaon and proton production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	2.9	184
36	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	2.9	182

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37	<p>Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.</p> <p>Photoproduction in ultra-peripheral Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Physical Review C, 2015, 91, 054907.</p>	10.0	100
38	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	0.5	171
39	Photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	1.5	171
40	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	2.9	171
41	Suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	1.5	171
42	Exclusive electroproduction of $J/\psi$ mesons at HERA. Nuclear Physics B, 2004, 695, 3-37.	0.9	164
43	Direct photon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 354, 235-240.		163
44	Evidence for a narrow baryonic state decaying to $K^0_S p$ and $K^0_S p_{\perp}$ , in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 7-22.	1.5	162
45	Momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 354, 235-240.	1.5	156
46	Measurement of the proton structure function F2 at very low Q2 at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 53-73.	1.5	155
47	Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s} = 900$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 345, 1-5.		155
48	Pseudorapidity Density of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	2.9	155
49	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.		154
50	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	1.4	153
51	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	2.9	151
52	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	1.4	149
53	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	148
54	Measurement of deeply virtual Compton scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 573, 46-62.	1.5	143

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55	Strange particle production in proton-proton collisions at $\sqrt{s}=0.9$ TeV with ALICE at the LHC. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	140
56	ZEUS next-to-leading-order QCD analysis of data on deep inelastic scattering. <i>Physical Review D</i> , 2003, 67, .	1.6	139
57	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	139
58	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2016, 117, 182301.	2.9	138
59	Measurement of the F2 structure function in deep inelastic e+p scattering using 1994 data from the ZEUS detector at HERA. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996, 72, 399-424.	1.5	137
60	Centrality dependence of particle production in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2015, 91, .	1.1	135
61	Combination and QCD analysis of charm production cross section measurements in deep-inelastic ep scattering at HERA. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	134
62	Measurement of the F2 structure function in deep inelastic e+p scattering at HERA. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996, 72, 399-424.	1.5	133
63	Measurement of the F2 structure function in deep inelastic e+p scattering at HERA. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996, 72, 399-424.	1.5	133
64	Comparison of ZEUS data with standard model predictions for $e^+p \rightarrow e^+X$ scattering at high $Q^2$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997, 74, 207-220.	1.5	131
65	Multiplicity dependence of the average transverse momentum in pp, p+Pb, and Pb-Pb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 727, 371-380.	1.5	130
66	Multiparticle azimuthal correlations in p+Pb and Pb-Pb collisions at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2014, 90, .	1.1	130
67	Measurement of the proton structure function F2 and at low and very low x at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 407, 432-448.	1.5	129
68	Production of light nuclei and anti-nuclei in p+Pb and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2016, 93, .	1.1	129
69	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2015, 75, 1.	1.4	125
70	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s} = 900$ GeV. <i>European Physical Journal C</i> , 2010, 65, 111-125.	1.4	124
71	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	118
72	Rapidity and transverse momentum dependence of inclusive $\pi^0$ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review C</i> , 2016, 93, .	1.5	115

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73	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	115
74	Performance of the ALICE Time-Of-Flight detector at the LHC. European Physical Journal Plus, 2013, 128, 1.	1.2	112
75	Production of $K^*_s(892)^0$ and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	111
76	Multi-strange baryon production in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 348, 389-401.	1.5	111
77	Production of charged pions, kaons and antiprotons and high energy astrophysical implications in pp collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 348, 389-401.	1.1	110
78	Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 348, 1-14.	1.5	105
79	An NLO QCD analysis of inclusive cross-section and jet-production data from the ZEUS experiment. European Physical Journal C, 2005, 42, 1-16.	1.4	103
80	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	1.4	101
81	Azimuthal anisotropy of $D^0$ -meson production in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 348, 1-14.	1.1	101
82	Exclusive $\pi^0$ production in pp collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 348, 1-14.	2.9	100
83	Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 348, 1-14.	2.9	99
84	Polarization of $\Lambda$ baryons in pp collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 348, 1-14.	2.9	97
85	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	1.4	97
86	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	1.6	97
87	Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. Journal of High Energy Physics, 2018, 2018, 1.	2.9	96
88	Production of Muons from Heavy Flavour Decays in Forward Rapidity in pp and Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 348, 1-14.	1.5	94
89	Measurement of elastic $\bar{p}$ photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 437, 432-444.	1.6	94
90	Measurement of Prompt $D^*_{\pm}$ production in deep inelastic $e^+p$ scattering at DESY HERA. Physical Review D, 2004, 69, .	2.9	94

#	ARTICLE	IF	CITATIONS
91	Femtoscopic study of $\rho$ production in $\sqrt{s_{NN}} = 2.76$ TeV $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2011, 84, 054907.	1.6	93
92	Production of $\rho$ mesons in $\sqrt{s_{NN}} = 2.76$ TeV $\text{Pb-Pb}$ collisions as a function of charged particle multiplicity in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2011, 84, 054907.	1.5	93
93	Production of $\rho$ mesons in $\sqrt{s_{NN}} = 2.76$ TeV $\text{Pb-Pb}$ collisions at large transverse momentum. <i>Physical Review C</i> , 2011, 84, 054907.	1.5	93
94	$\rho$ production in $\sqrt{s_{NN}} = 2.76$ TeV $\text{Pb-Pb}$ collisions at forward rapidity. <i>Physical Review C</i> , 2016, 93, 054907.	1.5	92
95	Production of $\rho$ mesons in deep inelastic scattering at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 407, 402-418.	1.5	91
96	Measurement of quarkonium production at forward rapidity in $\sqrt{s_{NN}} = 7$ TeV $\text{pp}$ collisions at $\sqrt{s_{NN}} = 7$ TeV. <i>European Physical Journal C</i> , 2014, 74, 2974.	1.4	89
97	Production of $K^0_S$ and $\phi$ mesons in $\sqrt{s_{NN}} = 5.02$ TeV $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2016, 76, 245.	1.4	89
98	Multiplicity dependence of light-flavor hadron production in $\sqrt{s_{NN}} = 2.76$ TeV $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2019, 99, 054907.	1.1	89
99	Production of $\rho$ mesons in $\sqrt{s_{NN}} = 2.76$ TeV $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 718, 295-306.	1.5	88
100	Transverse momentum dependence of D-meson production in $\sqrt{s_{NN}} = 2.76$ TeV $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	88
101	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in $\sqrt{s_{NN}} = 2.76$ TeV $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2011, 84, 054907.	1.1	87
102	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in $\sqrt{s_{NN}} = 2.76$ TeV $\text{Pb-Pb}$ Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2011, 84, 054907.	1.1	86
103	Production of $\rho$ mesons in $\sqrt{s_{NN}} = 2.76$ TeV $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 718, 295-306.	1.5	86
104	Production of $\rho$ mesons in $\sqrt{s_{NN}} = 2.76$ TeV $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2011, 84, 054907.	1.1	86
105	Inclusive jet cross sections in the Breit frame in neutral current deep inelastic scattering at HERA and determination of $\alpha_s$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 547, 164-180.	1.5	83
106	Exclusive electroproduction of $\rho$ mesons at HERA. <i>Nuclear Physics B</i> , 2005, 718, 3-31.	0.9	83
107	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s_{NN}} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 753, 319-329.	1.5	82
108	Measurement of elastic $\rho$ photoproduction at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 377, 259-272.	1.5	80

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109	Leading neutron production in e+p collisions at HERA. Nuclear Physics B, 2002, 637, 3-56.	0.9	80
110	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 120, 102301.	2.9	80
111	Search for single-top production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 559, 153-170.	1.5	79
112	Measurement of the cross section for the reaction $\bar{p} + p \rightarrow J/\psi + p$ with the ZEUS detector at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 120-134.	1.5	78
113	Study of deep inelastic inclusive and diffractive scattering with the ZEUS forward plug calorimeter. Nuclear Physics B, 2005, 713, 3-80.	0.9	77
114	Measurement of an Excess in the Yield of $J/\psi$ at Very Low $\sqrt{s_{NN}}$ . Nuclear Physics B, 2005, 713, 3-80.	2.9	77
115	Production of $4\text{He}$ and $4\text{He}$ in $pp$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2014, 704, 22-25.	0.6	74
116	Neutral pion production at midrapidity in $pp$ and $Pb\text{-}Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	1.4	72
117	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	2.9	72
118	Dissociation of virtual photons in events with a leading proton at HERA. European Physical Journal C, 2004, 38, 43-67.	1.4	71
119	Production of deuterons, tritons, $^3\text{He}$ nuclei, and their antinuclei in $pp$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2014, 704, 22-25.	1.1	71
120	Observation of hard scattering in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 404-416.	1.5	70
121	Extraction of the gluon density of the proton at $x$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 576-588.	1.5	70
122	Exclusive photoproduction of $J/\psi$ mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 4-12.	1.5	70
123	Observation of direct processes in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 287-300.	1.5	69
124	Heavy flavour decay muon production at forward rapidity in proton-proton collisions at $\sqrt{s_{NN}} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 111, 162301.	2.9	69
125	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	2.9	69



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127	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	1.5	68
128	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	68
129	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 772, 567-577.	1.5	68
130	Midrapidity Antiproton-to-Proton Ratio in $\sqrt{s_{NN}} = 0.9$ TeV Collisions at the ALICE Experiment. Physical Review Letters, 2010, 105, 072002.	2.9	67
131	Suppression of $\sqrt{s_{NN}} = 1.3$ TeV Charge Fluctuations in Pb-Pb Collisions at the ALICE Experiment. Physical Review Letters, 2010, 105, 072002.	2.9	67
132	rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	1.5	67
133	Dijet cross sections in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 348, 665-680.	1.5	66
135	Exclusive $\Lambda \pm 0$ production in deep inelastic electron-proton scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 601-616.	1.5	66
136	Structure-property relationships on uniaxially oriented carbon nanotube/polyethylene composites. Polymer, 2011, 52, 1124-1132.	1.8	66
137	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	2.9	66
138	Inclusive-jet and dijet cross sections in deep inelastic scattering at HERA. Nuclear Physics B, 2007, 765, 1-30.	0.9	65
139	Study of the $\Lambda \pm 0$ interaction with femtoscopy correlations in $\sqrt{s_{NN}} = 0.9$ TeV collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	2.9	64
140	Measurement of the diffractive structure function $F_2^D(4)$ at HERA. European Physical Journal C, 1998, 1, 81-96.	1.5	64
141	Observation of jet production in deep inelastic scattering with a large rapidity gap at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 228-243.	1.1	64
142	Measurement of the diffractive structure function $F_2^D(4)$ at HERA. European Physical Journal C, 1998, 1, 81-96.	1.4	63
144	The multigap resistive plate chamber as a time-of-flight detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 456, 16-22.	0.7	63

#	ARTICLE	IF	CITATIONS
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290	Production and Baryon-to-Meson Ratios in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions. European Physical Journal C, 2009, 19, 205-215.	2.9	29
291	Production of excited charm and charm-strange mesons at HERA. European Physical Journal C, 2009, 19, 25-45.	1.4	28
292	Measurement of charged current deep inelastic scattering cross sections with a longitudinally polarised electron beam at HERA. European Physical Journal C, 2009, 19, 223-235.	1.4	28
293	Centrality dependence of inclusive $J/\psi$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
294	Production of $\pi^0$ and $\eta$ mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 17, 339.	1.4	28
295	Constraints on jet quenching in $\sqrt{s_{NN}} = 5.02$ TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 95-113.	1.5	28
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297	Direct observation of the dead-cone effect in quantum chromodynamics. Nature, 2022, 605, 440-446.	13.7	28
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299	Study of the effective transverse momentum of partons in the proton using prompt photons in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 19-32.	1.5	27
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302	Charged kaon femtosopic correlations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions. Nuclear Physics A, 2011, 850, 1-12.	1.6	27
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304	Search for weakly decaying $\Lambda_c^+$ baryons in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions. Physical Review Letters, 2011, 106, 112001.	1.5	27
305	Exotic bound states in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 112002.	1.5	27
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317	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	1.6	25
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333	High-mass dijet cross sections in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 9-27.	1.5	23
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335	Measurement of charm fragmentation fractions in photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	23
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338	Measurement of charm fragmentation fractions in photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.5	23
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348	Transverse momentum and event-shape dependence of D-meson flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2020, 807, 135501.	1.5	22
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352	Forward jet production in deep inelastic ep scattering and low-x parton dynamics at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 632, 13-26.	1.5	21
353	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2017, 96, 014902.	1.5	21
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358	Measurement of dijet cross sections for events with a leading neutron in photoproduction at HERA. <i>Nuclear Physics B</i> , 2001, 596, 3-29.	0.9	20
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382	Search for stop production in R-parity-violating supersymmetry at HERA. European Physical Journal C, 2007, 50, 269.	1.4	18
383	Diffraction photoproduction of $D^*\Delta(2010)$ at HERA. European Physical Journal C, 2007, 51, 301-315.	1.4	18
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394	Measurement of prompt meson production and azimuthal anisotropy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 532, 611-621.	1.5	18
395	The Q <sup>2</sup> dependence of dijet cross sections in F-P interactions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 37-52.	1.5	17
396	Measurement of high- $Q^2$ neutral current deep inelastic scattering cross sections with a longitudinally polarized positron beam at HERA. Physical Review D, 2013, 87, .	1.5	17

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398	Measurement of $K^0_S$ , $\bar{\Lambda}$ and $\bar{\Sigma}^0$ production at HERA. European Physical Journal C, 2007, 51, 1-23.	1.4	17
399	Centrality dependence of $\bar{\Lambda}(2S)$ suppression in p-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
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404	Search for QCD-instanton induced events in deep inelastic ep scattering at HERA. European Physical Journal C, 2004, 34, 255-265.	1.4	15
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411	$K^*(892)^0$ and $\bar{\Lambda}(1020)$ production at midrapidity in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review C, 2020, 102, .	1.1	15
412	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> altimg="si1.svg" <math>\sqrt{s}</math> <math>5.02</math> TeV. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> altimg="si1.svg" <math>\sqrt{s}</math> <math>5.02</math> TeV.	1.5	15
413	Observation of a multiplicity dependence in the $p_T$ -differential charm baryon-to-meson ratios in proton-proton collisions at $\sqrt{s} = 8.16$ TeV. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> altimg="si1.svg" <math>\sqrt{s}</math> <math>8.16</math> TeV. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> altimg="si1.svg" <math>\sqrt{s}</math> <math>8.16</math> TeV.	1.5	15
414	Observation of a multiplicity dependence in the $p_T$ -differential charm baryon-to-meson ratios in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137065.	1.5	15



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420	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	1.4	14
421	Measurement of strange baryon-antibaryon interactions with femtosopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	1.5	14
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423	Inclusive $J/\psi$ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
424	Substructure dependence of jet cross sections at HERA and determination of $\alpha_s$ . Nuclear Physics B, 2004, 700, 3-50.	0.9	13
425	Multijet production in neutral current deep inelastic scattering at HERA and determination of $\alpha_s$ . European Physical Journal C, 2005, 44, 183-193.	1.4	13
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430	Measurement of heavy-quark jet photoproduction at HERA. European Physical Journal C, 2011, 71, 1.	1.4	13
431	Production of the excited charm mesons and at HERA. Nuclear Physics B, 2013, 866, 229-254.	0.9	13
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436	Measurement of the inclusive $J/\psi$ polarization at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	13
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