

Marcin Stolarski

List of Publications by Year in descending order

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159
papers

5,034
citations

101543

36
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64
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169
all docs

169
docs citations

169
times ranked

6131
citing authors

#	ARTICLE	IF	CITATIONS
1	The deuteron spin-dependent structure function F_2^D and a test of the Bjorken sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 673, 127-135.	4.1	258
2	Collins and Sivers asymmetries for pions and kaons in muon-deuteron DIS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 673, 127-135.	4.1	207
3	A new measurement of the Collins and Sivers asymmetries on a transversely polarised deuteron target. Nuclear Physics B, 2007, 765, 31-70.	2.5	203
4	Measurement of the Collins and Sivers asymmetries on transversely polarised protons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 240-246.	4.1	142
5	The spin-dependent structure function of the proton F_2^p and a test of the Bjorken sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 466-472.	4.1	118
6	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	130
7	Quark helicity distributions from longitudinal spin asymmetries in muon-proton and muon-deuteron scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 227-235.	4.1	118
9	Resonance in Diffractive Dissociation of p and n . Physical Review Letters, 2010, 104, 241803.	7.8	112
10	Measurement of the spin structure of the deuteron in the DIS region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 612, 154-164.	4.1	111
11	Experimental investigation of transverse spin asymmetries in $1/4$ -p SIDIS processes: Sivers asymmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 383-389.	4.1	111
12	Experimental investigation of transverse spin asymmetries in $1/4$ -p SIDIS processes: Collins asymmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 376-382.	4.1	101
13	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	3.9	93
14	The spin structure function F_2^p of the proton and a test of the Bjorken sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 18-28.	4.1	89
15	First Measurement of Transverse-Spin-Dependent Azimuthal Asymmetries in the Drell-Yan Process. Physical Review Letters, 2017, 119, 112002.	7.8	86
16	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	82
17	Collins and Sivers asymmetries in muonproduction of pions and kaons off transversely polarised protons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 250-259.	4.1	81
18	The polarised valence quark distribution from semi-inclusive DIS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 458-465.	4.1	72

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19	Transverse spin effects in hadron-pair production from semi-inclusive deep inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 10-16.	4.1	70
20	Flavour separation of helicity distributions from deep inelastic muon-deuteron scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 217-224.	4.1	66
21	A high-statistics measurement of transverse spin effects in dihadron production from muon-proton semi-inclusive deep-inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 124-131.	4.1	64
22	Jet energy scale and resolution measured in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	64
23	Observation of a New Narrow Axial-Vector Meson χ_{c1} . Physical Review Letters, 2014, 112, 102001.	7.8	60
24	The COMPASS setup for physics with hadron beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 779, 69-115.	1.6	59
25	Hadron transverse momentum distributions in muon deep inelastic scattering at 160 GeV/c. European Physical Journal C, 2013, 73, 1.	3.9	57
26	Leading and next-to-leading order gluon polarization in the nucleon and longitudinal double spin asymmetries from open charm muoproduction. Physical Review D, 2013, 87, .	4.7	55
27	Measurement of azimuthal hadron asymmetries in semi-inclusive deep inelastic scattering off unpolarised nucleons. Nuclear Physics B, 2014, 886, 1046-1077.	2.5	55
28	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13$ TeV pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	49
29	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.1	48
30	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	46
31	Leading order determination of the gluon polarisation from DIS events with high-pT hadron pairs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 922-930.	4.1	45
32	Odd and even partial waves of light isovector resonances in muon-proton semi-inclusive deep inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 303-311.	4.1	43
33	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- \gamma Z$ final states using 139 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	40
34	Higgs boson production cross-section measurements and their EFT interpretation in the $gluon \rightarrow gluon H$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	41
35	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- \gamma Z$ final states using 139 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	40
36	Measurements of WH and ZH production in the $g g \rightarrow b \bar{b} H$ decay channel in pp collisions at $\sqrt{s} = 13, 8, 7$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	38

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37	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	37
38	Gluon polarisation in the nucleon and longitudinal double spin asymmetries from open charm muoproduction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 676, 31-38.	4.1	36
39	Measurement of the Charged-Pion Polarizability. <i>Physical Review Letters</i> , 2015, 114, 062002.	7.8	36
40	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	36
41	Search for a scalar partner of the top quark in the all-hadronic $t\bar{t}$ plus missing transverse momentum final state at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	36
42	Final COMPASS results on the deuteron spin-dependent structure function g_1^d and the Bjorken sum rule. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 769, 34-41.	4.1	36
43	Measurements of top-quark pair differential and double-differential cross-sections in the $t\bar{t} + \text{jets}$ channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	34
44	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	34
45	Measurement of the longitudinal spin transfer to \hat{p} and Λ hyperons in polarised muon DIS. <i>European Physical Journal C</i> , 2009, 64, 171.	3.9	32
46	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $gg \rightarrow H \rightarrow b\bar{b}$ decay channel at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	32
47	Azimuthal asymmetries of charged hadrons produced by high-energy muons scattered off longitudinally polarised deuterons. <i>European Physical Journal C</i> , 2010, 70, 39-49.	3.9	31
48	Multiplicities of charged kaons from deep-inelastic muon scattering off an isoscalar target. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 133-141.	4.1	30
49	Sivers asymmetry extracted in SIDIS at the hard scales of the Drell-Yan process at COMPASS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 770, 138-145.	4.1	30
50	Searches for third-generation scalar leptoquarks in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	30
51	Evidence for $t\bar{t}$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	30
52	Search for exclusive photoproduction of Z^0 at COMPASS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 742, 330-334.	4.1	29
53	Transverse-momentum-dependent multiplicities of charged hadrons in muon-deuteron deep inelastic scattering. <i>Physical Review D</i> , 2018, 97, .	4.7	29
54	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	29

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55	Search for pair production and $\tilde{\chi}^0 \tilde{\chi}^0$ production in final states with two leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	4.7	28
56	Multiplicities of charged pions and charged hadrons from deep-inelastic scattering of muons off an isoscalar target. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 1-10.	4.1	28
57	Search for long-lived neutral particles in pp collisions at $\sqrt{s} = 13$ TeV that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1.	3.9	28
58	Search for chargino-neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	28
59	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a $\tilde{\nu}_\tau$ lepton in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
60	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $\ell\ell b\bar{b}$ and $\ell\ell WW$ final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	26
61	Transverse extension of partons in the proton probed in the sea-quark range by measuring the DVCS cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 188-194.	4.1	25
62	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
63	Measurement of fiducial and differential W^+W^- production cross-sections at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
64	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
65	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	23
66	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	2.9	23
67	Measurements of top-quark pair spin correlations in the e^+e^- channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	22
68	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	22
69	Double spin asymmetry in exclusive $\tilde{\chi}^0$ muon production at COMPASS. European Physical Journal C, 2007, 52, 255-265.	3.9	19
70	First measurement of the Sivers asymmetry for gluons using SIDIS data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 854-864.	4.1	19
71	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb ⁻¹ of data collected with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
72	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb ⁻¹ of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	19

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91	Measurement of the c-jet mistagging efficiency in $\sqrt{s}=13$ TeV events using pp collision data at $\sqrt{s}=13$ TeV collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	14
92	Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
93	Measurement of P-weighted Sivers asymmetries in lepton production of hadrons. Nuclear Physics B, 2019, 940, 34-53.	2.5	13
94	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	13
95	Measurement of radiative widths of $a_2(1320)$ and $\pi_{1}(1670)$. European Physical Journal A, 2014, 50, 1.	2.5	12
96	Leading-order determination of the gluon polarisation from semi-inclusive deep inelastic scattering data. European Physical Journal C, 2017, 77, 1.	3.9	12
97	New analysis of $\Lambda(1520)$ tensor resonances measured at the COMPASS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 464-472.	4.1	12
98	Observation of the associated production of a top quark and a Z boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
99	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS. European Physical Journal C, 2021, 81, 1.	3.9	12
100	Search for supersymmetry in events with four or more charged leptons in 139 fb^{-1} of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
101	Measurements of the inclusive and differential production cross sections of a top-quark-antiquark pair in association with a Z boson at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	12
102	Triangle Singularity as the Origin of the $\pi^+\pi^-\pi^0$ Anomalous Amplitude. Physical Review Letters, 2018, 121, 172001.	7.8	11
103	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
104	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	3.9	12
105	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and 13 TeV. European Physical Journal C, 2022, 82, 1.	3.9	12
106	Comment on "Reevaluation of the parton distribution of strange quarks in the nucleon". Physical Review D, 2015, 92, .	4.7	11
107	Interplay among transversity induced asymmetries in hadron lepton production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 406-411.	4.1	11
108	Measurements of the production cross-section for a Z boson in association with b-jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11

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109	K^0 over K^+ multiplicity ratio for kaons produced in DIS with a large fraction of the virtual-photon energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 390-398.	4.1	10
110	Determination of the parton distribution functions of the proton from ATLAS measurements of differential W^{\pm} and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
111	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
112	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb^{-1} of pp collision data at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
113	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
114	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	9
115	Search for dark matter produced in association with a single top quark in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	9
116	Exclusive ρ^0 meson muoproduction on transversely polarised protons. Nuclear Physics B, 2017, 915, 454-475.	2.5	8
117	Measurements of $W+W^{\pm} + \geq 1$ jet production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
118	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
119	Reconstruction and identification of boosted $d\bar{t}$ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
120	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	3.9	8
121	Study of $\Lambda(1385)$ and $\Sigma(1321)$ hyperon and antihyperon production in deep inelastic muon scattering. European Physical Journal C, 2013, 73, 1.	3.9	7
122	Spin density matrix elements in exclusive Ω meson muoproduction. European Physical Journal C, 2021, 81, 1.	3.9	7
123	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton-proton collision data. European Physical Journal C, 2021, 81, 1.	3.9	7
124	Exotic meson χ_{c0} production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	4.7	7
125	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	3.9	7
126	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	3.9	7

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127	The COMPASS results on longitudinal spin effects and future measurements. Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 53-56.	0.4	6
128	Measurement of the cross section for high- p_T hadron production in the scattering of 160 GeV muons Azimuthal asymmetries of charged hadrons produced in high-energy muon scattering off longitudinally polarised deuterons. European Physical Journal C, 2018, 78, 1.	4.7	6
129	Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at $\sqrt{s} = 13$ and 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	3.9	6
130	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
131	Performance of the ATLAS Level-1 topological trigger in Run $\hat{A}2$. European Physical Journal C, 2022, 82, 1.	3.9	6
132	D^0 and D^+ meson production in muon nucleon interactions at $160 \text{ GeV}/c$. European Physical Journal C, 2012, 72, 1.	3.9	5
133	Longitudinal double spin asymmetries in single hadron quasi-real photoproduction at high p_T . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 573-579.	4.1	5
134	A search for the decays of stopped long-lived particles at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
135	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
136	The ATLAS inner detector trigger performance in pp collisions at $13 \hat{\text{A}}\text{TeV}$ during LHC Run 2. European Physical Journal C, 2022, 82, 1.	3.9	5
137	Spin alignment and violation of the OZI rule in exclusive η' and η production in pp collisions. Nuclear Physics B, 2014, 886, 1078-1101.	2.5	4
138	Measurement of hadronic event shapes in high- p_T multijet final states at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
139	Search for top squarks in events with a Higgs or Z boson using $139 \hat{\text{A}}\text{fb}^{-1}$ of pp collision data at $\sqrt{s} = 13 \hat{\text{A}}\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	4
140	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow \text{au}^{\pm} \rightarrow \pi^{\pm} u_{\text{au}} u_{\text{au}}$ events in Run $\hat{A}2$ data. European Physical Journal C, 2022, 82, 1.	3.9	4
141	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
142	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
143	Measurement of distributions sensitive to the underlying event in inclusive Z boson production in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	3
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145	Antiproton over proton and $K^{\bar{0}}$ over K^+ multiplicity ratios at high z in DIS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135600.	4.1	3
146	Contribution of exclusive diffractive processes to the measured azimuthal asymmetries in SIDIS. Nuclear Physics B, 2020, 956, 115039.	2.5	3
147	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s} = 8, \text{ext } \{ \text{TeV} \}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	3
148	Measurement of b-quark fragmentation properties in jets using the decay $B^{\pm} \rightarrow \mu^{\pm} J/\psi K^{\pm}$ in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
149	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
150	Probing transversity by measuring \hat{h}_1 polarisation in SIDIS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136834.	4.1	2
151	Measurement of the energy asymmetry in $t\bar{t}$ production at $\sqrt{s} = 13, \text{TeV}$ with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .	3.9	2
152	COMPASS Spin Dependent Longitudinal Asymmetries on Deuteron Target. Nuclear Physics, Section B, Proceedings Supplements, 2008, 184, 52-55.	0.4	0
153	New COMPASS results on longitudinal spin effects. , 2012, , .		0
154	COMPASS Hadron Multiplicity Measurements and Fragmentation Functions. EPJ Web of Conferences, 2016, 112, 03008.	0.3	0
155	Latest Results from the COMPASS Experiment. International Journal of Modern Physics Conference Series, 2016, 40, 1660006.	0.7	0
156	Measurement of \hat{h}_1^G/G from high transverse momentum hadron pairs in COMPASS. , 2008, , .		0
157	A new LO extraction of gluon polarisation from COMPASS DIS data. , 2014, , .		0
158	Final COMPASS results on hadrons, pions and kaons multiplicities in SIDIS. , 2017, , .		0
159	High- z proton and kaon multiplicity ratios on deuteron target in SIDIS. , 2019, , .		0