

kamal benslama

List of Publications by Year in descending order

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Version: 2024-02-01

424
papers

35,471
citations

3930

88
h-index

4770

169
g-index

425
all docs

425
docs citations

425
times ranked

12653
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 1-29.	1.5	6,386
2	The ATLAS Experiment at the CERN Large Hadron Collider. Journal of Instrumentation, 2008, 3, S08003-S08003.	0.5	1,752
3	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
4	Observation of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 252303.	2.9	581
5	Observation of Associated Near-Side and Away-Side Long-Range Correlations in the ATLAS Detector at the LHC. Physical Review Letters, 2012, 109, 192301.	2.9	441
6	Measurement of the azimuthal anisotropy for charged particle production in lead-lead collisions with the ATLAS detector. Physical Review C, 2012, 86, .	1.1	365
7	Improved luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	1.4	362
8	Combined search for the Standard Model Higgs boson using up to 4.9 fb^{-1} of pp collision data at the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 49-66.	1.5	328
9	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	1.2	314
10	Evidence for the spin-0 nature of the Higgs boson using ATLAS data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 120-144.	1.5	307
11	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	1.4	268
12	Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1.	1.4	259
13	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	1.4	248
14	Search for high-mass dilepton resonances in pp collisions at the ATLAS detector. Physical Review D, 2014, 90, .	1.6	237
15			

#	ARTICLE	IF	CITATIONS
19	Search for new phenomena in the dijet mass distribution using collision data at $\sqrt{s}=7$ TeV recorded in 2010 with the ATLAS detector. European Physical Journal C, 2013, 73, 2306.	1.6	227
20	Measurement of Higgs boson production in the diphoton decay channel in collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2014, 90, .	1.6	214
21	Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 3130.	1.4	213
22	Jet energy resolution in proton-proton collisions at $\sqrt{s}=7$ TeV recorded in 2010 with the ATLAS detector. European Physical Journal C, 2013, 73, 2306.	1.4	209
23	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data. European Physical Journal C, 2014, 74, 2941.	1.4	204
24	Measurement of the jet radius and transverse momentum dependence of inclusive jet suppression in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 220-241.	1.5	195
25	A study of quasi-elastic muon neutrino and antineutrino scattering in the NOMAD experiment. European Physical Journal C, 2009, 63, 355-381.	1.4	193
26	Luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	179
27	Measurement of the Higgs boson mass from the $H \rightarrow \gamma\gamma$ decay channel in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	176
28	Measurement of the distributions of event-by-event flow harmonics in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	175
29	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	1.4	172
30	Search for the Standard Model Higgs Boson in the Diphoton Decay Channel with Collision Data at $\sqrt{s}=7$ TeV recorded in 2010 with the ATLAS detector. European Physical Journal C, 2013, 73, 2306.	2.9	171
31	Measurement of the distributions of event-by-event flow harmonics in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.5	169
32	Search for $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillations in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 570, 19-31.	1.5	163
33	Measurement of the differential cross-sections of inclusive, prompt and non-prompt J/ψ production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Nature Communications, 2011, 2, 463.	0.9	163
34	Measurement of the inelastic proton-proton cross-section at $\sqrt{s}=7$ TeV with the ATLAS detector. Nature Communications, 2011, 2, 463.	5.8	160
35	Measurements of Higgs boson production and couplings in the four-lepton channel in collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, .	1.6	158

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37	The NOMAD experiment at the CERN SPS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 404, 96-128.	0.7	157
38	Measurement of the total cross section from elastic scattering in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Nuclear Physics B, 2014, 889, 486-548.	0.9	155
39	Measurement of hard double-parton interactions in $\sqrt{s} = 7$ TeV + 2-jet events at $\sqrt{s} = 7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 033038.	1.2	147
40	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	146
41	Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	145
42	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 67-85.	1.5	143
43	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	137
44	Search for Supersymmetry Using Final States with One Lepton, Jets, and Missing Transverse Momentum with the ATLAS Detector in $\sqrt{s} = 7$ TeV pp Collisions. Physical Review Letters, 2011, 106, 131802.	2.9	136
45	Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physical Review D, 2012, 86, .	1.6	135
46	Measurements of the Nuclear Modification Factor for Jets in $\sqrt{s} = 7$ TeV Pb-Pb Collisions at the LHC. Physical Review Letters, 2011, 106, 131802.	2.9	135
47	Measurement of event-plane correlations in $\sqrt{s} = 7$ TeV lead-lead collisions with the ATLAS detector. Physical Review C, 2014, 90, .	1.4	134
48	Charged-particle multiplicities in pp interactions at $\sqrt{s} = 900$ GeV measured with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 21-42.	1.5	133
49	Measurement of the Z/γ^* boson transverse momentum distribution in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	131
50	Search for Invisible Decays of a Higgs Boson Produced in Association with a Z Boson in ATLAS. Physical Review Letters, 2014, 112, .	2.9	130
51	Search for Dark Matter in Events with a Hadronically Decaying Z Boson and Missing Transverse Momentum in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector. Physical Review Letters, 2014, 112, 041802.	2.9	129
52	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $\sqrt{s} = 8$ TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	1.6	128
53	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 67-85.	1.5	126
54	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$ in $\sqrt{s} = 7$ TeV events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	126

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55	Search for pair-produced third generation squarks decaying via charm quarks or in compressed supersymmetric scenarios in pp collisions at $\sqrt{s}=7$ TeV. Evidence for Electroweak Production of W bosons in pp collisions at $\sqrt{s}=7$ TeV. Readiness of the ATLAS Tile Calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 1193-1236.	1.6	126
56	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2011, 83, .	2.9	123
57	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2011, 83, .	1.4	121
58	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2011, 83, .	1.6	121
59			

#	ARTICLE	IF	CITATIONS
73	Continued search for the Standard Model Higgs boson in the decay channel $pp \rightarrow H \rightarrow ZZ \rightarrow 4\ell$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 294-317.	1.6	109
74	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 294-317.	1.5	109
75	Search for heavy neutrinos mixing with tau neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 506, 27-38.	1.5	107
76	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s} = 2.76$ TeV and comparison to the inclusive jet cross-section at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	1.4	105
77	Search for heavy neutrinos mixing with tau neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 506, 27-38.	2.9	105
78	Search for heavy neutrinos mixing with tau neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 506, 27-38.	1.5	102
79	Search for direct third-generation squark pair production in final states with missing transverse momentum and two b-jets in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	102
80	Search for heavy neutrinos and right-handed W bosons in events with two leptons and jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 2056.	1.4	101
81	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	100
82	Search for Higgs Boson Pair Production in the ZZ Final State Using pp Collision Data at $\sqrt{s} = 8$ TeV from the ATLAS Detector. Physical Review Letters, 2015, 114, 081802.	2.9	98
83	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	1.4	95
84	Search for the Standard Model Higgs boson in the decay channel $H \rightarrow ZZ \rightarrow 4\ell$ with $4.8 < \eta_{\ell} < 1$ of pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 392-413.	1.5	93
85	Measurements of the W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	1.4	92
86	Search for dark matter in events with a Z boson and missing transverse momentum in $pp \rightarrow Z + \cancel{E}_T$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 392-413.	2.9	90
87	Search for dark matter in events with a Z boson and missing transverse momentum in $pp \rightarrow Z + \cancel{E}_T$ collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 392-413.	1.6	90
88	Exploring Little Higgs models with ATLAS at the LHC. European Physical Journal C, 2005, 39, 13-24.	1.4	88
89	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	1.6	88

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91	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	88
92	Observation of an Excited B_c State with the ATLAS Detector. Physical Review Letters, 2014, 113, 212004.	2.9	81
93	Search for Dilepton Resonances in $\sqrt{s} = 7$ TeV pp Collisions at the ATLAS Detector. Physical Review Letters, 2011, 107, 272002.	1.6	81
94	ATLAS search for new phenomena in dijet mass and angular distributions using pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	2.9	80
95	Measurement of upsilon production in $\sqrt{s} = 7$ TeV pp collisions at ATLAS. Physical Review D, 2013, 87.	1.6	78
96	Evidence for the associated production of a W boson and a top quark in ATLAS at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 142-150.	1.4	77
97	Light-quark and gluon jet discrimination in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	1.6	76
98	Measurement of the polarization in charged current interactions in the NOMAD experiment. Nuclear Physics B, 2000, 588, 3-36.	0.9	75
99	Search for Direct Top Squark Pair Production in Final States with One Isolated Lepton, Jets, and Missing Transverse Momentum in $\sqrt{s} = 7$ TeV pp Collisions Using 36.1 fb ⁻¹ of ATLAS Data. Physical Review Letters, 2012, 109, 211803.	1.4	74
100	Search for new physics in the dijet mass distribution using 1 fb ⁻¹ of pp collision data at $\sqrt{s} = 7$ TeV collected by the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 37-54.	6.0	74
101	A Particle Consistent with the Higgs Boson Observed with the ATLAS Detector at the Large Hadron Collider. Science, 2012, 338, 1576-1582.	1.4	74
102	Search for resonant diboson production in the $\ell\ell q\bar{q}$ final state in $\sqrt{s} = 8$ TeV pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	1.5	73
103	Measurement of the muon neutrino nucleon inclusive charged current cross section off an isoscalar target in the energy range 2.5 E_{ν} E_{ν} E_{ν} GeV by NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 19-25.	1.4	73
104	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.6	73
105	Measurement of the production cross section of jets in association with a Z boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.4	73
106	Search for Higgs boson decays to a photon and a Z boson in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 8-27.		

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109	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum at $\sqrt{s}=8$ TeV proton-proton collisions using the ATLAS experiment. Journal of High Energy Physics, 2010, 2010, 1.	1.6	71
110	Measurement of normalized differential cross sections for top quark pair production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 223-242.	1.6	71
111	Measurement of the high-mass Drell-Yan differential cross-section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 223-242.	1.6	70
112	Measurement of the top quark pair production cross-section with ATLAS in the single lepton channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 244-263.	1.5	69
113	Comprehensive measurements of top quark pair production cross sections in the $t\bar{t}$ -channel single top-quark production cross sections at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2014, 90, .	1.6	68
114	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3157.	1.4	68
115	Searches for heavy long-lived sleptons and R-hadrons with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 277-308.	1.5	67
116	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	66
117	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	65
118	Measurement of the $W \rightarrow \tau \nu_\tau$ and $Z \rightarrow \tau \tau$ production cross sections in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	1.6	64
119	Measurement of isolated-photon pair production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	64
120	Search for a Supersymmetric Partner to the Top Quark in Final States with Jets and Missing Transverse Momentum at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	2.9	63
121	Measurement of ZBoson Production in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 110, 022301.	2.9	63
122	Polarization Measurements in High-Energy Deuteron Photodisintegration. Physical Review Letters, 2001, 86, 2975-2979.	2.9	62
123	Prospects for the search for a doubly charged Higgs in the left-right symmetric model with ATLAS. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 73-91.	1.4	62
124	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 120.	1.4	62
125	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	1.4	61

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127	Measurement of Dijet Azimuthal Decorrelations in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2011, 106, 172002.	2.9	61
128	Search for Scalar Bottom Quark Pair Production with the ATLAS Detector in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 108, 181802.	2.9	61
129	Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 251801.	2.9	61
130	Measurement of ZZ production in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous ZZZ and ZZ $\tilde{\chi}^0$ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	61
131	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	61
132	Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy. European Physical Journal C, 2011, 71, 1.	1.4	60
133	Measurements of WZ and $W\tilde{\chi}^0$ production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 108, 181802.	1.6	60
134	Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $\sqrt{s} = 8$ TeV pp collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
135	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 199.	1.4	60
136	Search for the decay $W \rightarrow B\tau$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	1.5	59
137	Measurement of $W \rightarrow Z$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	59
138	A precision measurement of charm dimuon production in neutrino interactions from the NOMAD experiment. Nuclear Physics B, 2013, 876, 339-375.	0.9	59
139	Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	59
140	Measurement of the Azimuthal Angle Dependence of Inclusive Jet Yields in Pb+Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 111, 152301.	2.9	59
141	Characterisation and mitigation of beam-induced backgrounds observed in the ATLAS detector during the 2011 proton-proton run. Journal of Instrumentation, 2013, 8, P07004-P07004.	0.5	59
142	Measurement of the production of a W boson in association with a charm quark in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	59
143	Search for direct top-quark pair production in final states with two leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	59
144	Searches for supersymmetry with the ATLAS detector using final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	1.5	58

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145	Measurement of the inclusive isolated prompt photon cross section in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2014, 89, 112005. https://doi.org/10.1103/PhysRevD.89.112005	1.5	58
146	Measurement of the inclusive isolated prompt photon cross section in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2014, 89, 112005. https://doi.org/10.1103/PhysRevD.89.112005	1.6	58
147	Measurement of the transverse momentum distribution of Higgs bosons in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2014, 89, 112005. https://doi.org/10.1103/PhysRevD.89.112005	1.4	58
148	Search for a dark photon in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2014, 89, 112005. https://doi.org/10.1103/PhysRevD.89.112005	1.5	57
149	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in proton-proton collisions using 1.1 fb ⁻¹ of ATLAS data. <i>Physical Review D</i> , 2012, 85, 012001. https://doi.org/10.1103/PhysRevD.85.012001	1.6	57
150	Search for long-lived stopped charm hadrons decaying out of time with the ATLAS detector. <i>Physical Review D</i> , 2013, 88, 012001. https://doi.org/10.1103/PhysRevD.88.012001	2.9	57
151	Measurement of the W boson polarization in top quark decays with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1. https://doi.org/10.1088/1126-6708/2012/01/001	1.6	57
152	Measurement of Top Quark Polarization in Top-Antitop Events from Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2013, 88, 012001. https://doi.org/10.1103/PhysRevD.88.012001	2.9	57
153	Search for long-lived stopped charm hadrons decaying out of time with the ATLAS detector. <i>Physical Review D</i> , 2013, 88, 012001. https://doi.org/10.1103/PhysRevD.88.012001	1.6	57
154	Measurement of the W boson polarization in top quark decays with the ATLAS detector. <i>Physical Review D</i> , 2013, 88, 012001. https://doi.org/10.1103/PhysRevD.88.012001	1.5	57
155	Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2011, 71, 1. https://doi.org/10.1007/s00034-011-1180-3	1.4	56
156	Search for WZ resonances in the fully leptonic channel using pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 738, 68-86. https://doi.org/10.1016/j.physletb.2014.07.011	1.6	55
157	Search for the Standard Model Higgs boson decay to $\tau\tau$ with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 738, 68-86. https://doi.org/10.1016/j.physletb.2014.07.011	1.6	55
158	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 705, 294-312. https://doi.org/10.1016/j.physletb.2011.07.011	1.4	55
159	Search for Supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 705, 294-312. https://doi.org/10.1016/j.physletb.2011.07.011	1.5	54
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183	Search for a heavy gauge boson in pp collisions at $\sqrt{s}=7\text{TeV}$ using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 705, 28-31.	1.6	47
184	Search for light top squark pair production in final states with leptons and b-jets with the ATLAS detector in $\sqrt{s}=7\text{TeV}$ proton-proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	1.5	47
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222	Search for displaced vertices arising from decays of new heavy particles in 7 TeV pp collisions at ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 478-496.	1.5	40
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