

Denis R Santos

List of Publications by Year in descending order

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309
papers

25,676
citations

11639
70
h-index

7944
149
g-index

311
all docs

311
docs citations

311
times ranked

11631
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 Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
3	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
4	Observation of Associated Near-Side and Away-Side Long-Range Correlations in Collisions with the ATLAS Detector. Physical Review Letters, 2013, 110, 182302.	2.0	181
5	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
6	Improved luminosity determination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	1.4	362
7	Combined search for the Standard Model Higgs boson using up to 4.9 fb ⁻¹ of pp collision data at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 719, 49-66.	1.5	358
8	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	1.2	314
9	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
10	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	1.4	268
11	Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1.	1.4	259
12	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
13			

#	ARTICLE	IF	CITATIONS
19	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. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	175
20	Search for the Standard Model Higgs Boson in the Diphoton Decay Channel with $\sqrt{s} > 4.9$	2.9	171
21	Collision Data at $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. <i>Physical Review Letters</i> , 2012, 108, 111803.	1.5	169
22	Measurement of the differential cross-sections of inclusive, prompt and non-prompt $p \rightarrow p$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Nature Communications</i> , 2011, 2, 463.	0.9	163
23	Measurement of the inelastic proton-proton cross-section at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Nature Communications</i> , 2011, 2, 463.	5.8	160
24	Measurement of the inclusive $W \rightarrow e \nu$ and $Z \rightarrow \nu \bar{\nu}$ cross sections in the $e^+e^- \rightarrow e^+e^- \gamma$ and $e^+e^- \rightarrow e^+e^- \mu^+\mu^-$	1.2	147
25	Measurement of hard double-parton interactions in W and Z + 2-jet events at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>New Journal of Physics</i> , 2013, 15, 033038.	1.2	147
26	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	146
27	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $p \rightarrow p$ TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics</i> , 2012, 710, 67-85.	1.6	137
28	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	137
29	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS Detector in $p \rightarrow p$ TeV proton-proton collisions. <i>Physical Review Letters</i> , 2011, 106, 131802.	2.9	136
30	Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2012, 86, .	1.6	135
31	Charged-particle multiplicities in pp interactions at $p \rightarrow p$ GeV measured with the ATLAS detector at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics</i> , 2010, 688, 31-42.	1.5	134
32	Search for Invisible Decays of a Higgs Boson Produced in Association with a $Z \rightarrow \nu \bar{\nu}$ Boson in ATLAS. <i>Physical Review Letters</i> , 2014, 112, .	2.9	130
33	Search for Dark Matter in Events with a Hadronically Decaying W or Z Boson and Missing Transverse Momentum in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2014, 112, 041802.	2.9	129
34	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $p \rightarrow p$ TeV proton-proton collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics</i> , 2012, 710, 67-85.	1.5	126
35	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+\tau^-$ in $t\bar{t}$ events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	126
36	Readiness of the ATLAS Tile Calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010, 70, 1193-1236.	1.4	121

#	ARTICLE	IF	CITATIONS
37	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
38			

#	ARTICLE	IF	CITATIONS
55	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821. Search for the Standard Model Higgs boson in the decay channel $H \rightarrow Z\gamma$. Observation of a New Particle Consistent with the Higgs Boson in the Decay Channel $H \rightarrow Z\gamma$. $\sqrt{s} = 7$ TeV pp Collisions with the ATLAS Detector. Physical Review Letters, 2011, 107, 272002.	1.4	95
56	Observation of a New Particle Consistent with the Higgs Boson in the Decay Channel $H \rightarrow Z\gamma$. $\sqrt{s} = 7$ TeV pp Collisions with the ATLAS Detector. Physical Review Letters, 2011, 107, 272002.	2.9	90
57	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	88
58	Search for Dilepton Resonances in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 107, 272002.	2.9	81
59	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.	1.6	81
60	Observation of Spin Correlation in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 107, 272002.	2.9	80
61	Measurement of W boson production in pp collisions at ATLAS. Physical Review D, 2013, 87, .	1.6	78
62	Evidence for the associated production of a W boson and a top quark in ATLAS at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 109, 211803.	1.6	76
63	Measurement of W boson production in pp collisions at ATLAS. Physical Review D, 2013, 87, .	1.6	75
64	Search for Direct Top Squark Pair Production in Final States with One Isolated Lepton, Jets, and Missing Transverse Momentum Using 7.4 TeV pp Collisions with the ATLAS Detector. Physical Review Letters, 2012, 109, 211803.	1.6	73
65	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.	1.6	71
66	A Particle Consistent with the Higgs Boson Observed with the ATLAS Detector at the Large Hadron Collider. Science, 2012, 338, 1576-1582.	6.0	74
67	Detection of ochratoxin A in wine and beer by chemiluminescence-based ELISA in microfluidics with integrated photodiodes. Sensors and Actuators B: Chemical, 2013, 176, 232-240.	4.0	74
68	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.	1.4	73
69	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.	1.6	73
70	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, 2013, 2013, 1.	1.6	71
71	Measurement of underlying event characteristics using charged particles in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2011, 83, .	1.6	70
72	Measurement of underlying event characteristics using charged particles in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2011, 83, .	1.6	70

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73	Measurement of the high-mass Drellian 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.	1.5	67
74	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
75	Searches for heavy long-lived sleptons and R-hadrons with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 277-308.	1.5	67
76	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
77	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
78	Microspot-based ELISA in microfluidics: chemiluminescence and colorimetry detection using integrated thin-film hydrogenated amorphous silicon photodiodes. Lab on A Chip, 2011, 11, 4063.	3.1	64
79	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
80	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
81	Measurement of Z Boson 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
82	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
83	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
84	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
85	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
86	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
87	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
88	Measurements of $W \rightarrow \tau \nu_\tau$ and $Z \rightarrow \tau \tau$ production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2011, 106, 172002.	1.6	60
89	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-proton collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 199.	1.4	60
90	Search for the decay $B \rightarrow \tau \nu_\tau$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	1.5	59

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91	Measurement of $W \pm Z$ production in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	59
92	Measurement of the Azimuthal Angle Dependence of Inclusive Jet Yields in Pb+Pb Collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2013, 111, 152301.	2.9	59
93	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
94	Searches for supersymmetry with the ATLAS detector using final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.5	58
95	Search for supersymmetry with the ATLAS detector using final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.6	58
96	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ in 2010. European Physical Journal C, 2014, 74, 3034.	1.4	58
97	Search for magnetic monopoles in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	1.5	57
98	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	1.6	57
99	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in pp collisions using 1 fb ⁻¹ of ATLAS data. Physical Review D, 2012, 85, .	1.6	57
100	Search for magnetic monopoles in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	2.9	57
101	Measurement of the W boson polarization in top quark decays with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	57
102	Measurement of Top Quark Polarization in Top-Antitop Events from Proton-Proton Collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 109, 261803.	2.9	57
103	Search for integrated stopped neutrons in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	57
104	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. European Physical Journal C, 2011, 71, 1.	1.4	56
105	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	1.6	55
106	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	1.5	54
107	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	54

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109	Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	54
110	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb^{-1} of $\sqrt{s} = 7$ TeV proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	1.6	53
111	Measurement of the cross-section for W boson production in association with b-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53
112	Search for stable hadronising squarks and gluinos with the ATLAS experiment at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	1.5	52
113	Search for the neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	52
114	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	52
115	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	1.4	51
116	Measurement of the top quark mass with the template method in the $\text{lepton}+\text{jets}$ channel using ATLAS data. European Physical Journal C, 2012, 72, 2046.	1.4	51
117	Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s}=7$ TeV using ATLAS data. European Physical Journal C, 2012, 72, 2046.	1.5	49
118	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	48
119	Triggers for displaced decays of long-lived neutral particles in the ATLAS detector. Journal of Instrumentation, 2013, 8, P07015-P07015.	0.5	48
120	Study of jets produced in association with a W boson in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	47
121	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	47
122	Measurement of dijet production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	46
123	Search for New Phenomena using Large Jet Multiplicities and Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	2.9	46
124	Measurement of the cross section for the production of a W boson in association with b-jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 1-13.	1.5	45
125	Measurement of the electron and muon inclusive cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 1-13.	1.5	45
126	Search for neutral MSSM Higgs bosons decaying to $\tau\tau$ pairs in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.5	45

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127	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2012, 2012, 1.	1.6	45
128	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector using final states with two high-p T leptons. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	45
129	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
130	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
131	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
132	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
133	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
134	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
135	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
136	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
137	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
138	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
139	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
140	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
141	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
142	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
143	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45
144	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	45

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145	Limits on the production of the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	40
146	Search for Down-Type Fourth Generation Quarks with the ATLAS Detector in Events with One Lepton and Hadronically Decaying W Bosons. Physical Review Letters, 2012, 109, 032001.	2.9	40
147	A search for t resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Measurement of the top quark pair cross section with ATLAS in pp collisions at	1.6	40
148	Search for pair production of heavy top-like quarks decaying to a high- p_T lepton and a b quark in the lepton plus jets final state at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 325-345.	1.5	40
149	Search for pair production of heavy top-like quarks decaying to a high- p_T lepton and a b quark in the lepton plus jets final state at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 325-345.	1.5	40
150	Search for massive colored scalars in four-jet final states in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.5	40
151	Measurement of the production cross section for W -bosons in association with jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 325-345.	1.4	39
152	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, 707-712.	1.5	39
153	Measurement of angular correlations in Drell-Yan lepton pairs to probe W boson transverse momentum at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 707-712.	1.5	39
154	Search for massive colored scalars in four-jet final states in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.6	39
155	Measurement of the W charge asymmetry in the $W \rightarrow \tau \nu$ decay mode in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 251-260.	1.5	38
156	Search for t resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Measurement of the top quark pair cross section with ATLAS in pp collisions at	1.5	38
157	Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2012, 108, 241802.	2.9	37
158	Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	37
159	Search for direct slepton and gaugino production in final states with two leptons and missing transverse momentum 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, 718, 879-901.	1.5	37
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204	Search for the Standard Model Higgs boson produced in association with a vector boson and decaying to a b-quark pair with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 369-390.	1.6	24
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215	Search for the Standard Model Higgs boson in the two photon decay channel with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 452-470.	1.5	22
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