

Piotr Malecki

List of Publications by Year in descending order

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365
papers

28,983
citations

9264

74
h-index

6300

158
g-index

367
all docs

367
docs citations

367
times ranked

11696
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.7	73
2	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.	4.7	53
3	Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	32
4	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.	4.7	137
5	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.	4.7	61
6	Search for charged Higgs bosons through the violation of lepton universality in $t \rightarrow b \tau \nu$ events using pp collision data at $\sqrt{s}=7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	4.7	19
7	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.	4.7	52
8	Measurement of k T splitting scales in $W \rightarrow \tau \nu$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	3.9	19
9	Search for a light charged Higgs boson in the decay channel $H^{\pm} \rightarrow c \bar{s}$ in $t \rightarrow b W$ events using pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	3.9	119
10	Measurements of angular correlations in dilepton events with a photon or a Z boson in association with a jet and missing transverse momentum at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	3.9	119
11	Measurements of angular correlations in dilepton events with a photon or a Z boson in association with a jet and missing transverse momentum at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 277-308.	4.1	21
12	Search for displaced muonic lepton jets from light Higgs boson decay 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, 721, 277-308.	4.1	21
13	Measurements of the angular distributions of the decay products of the Higgs boson 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.	4.1	21
14	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.	4.1	67
15	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.	4.1	307
16	Measurements of Higgs boson production and couplings in diboson final states with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 88-119.	4.1	295
17	Search for resonances in the lepton plus jets final state with ATLAS using $\sqrt{s}=7$ TeV pp collision data. Journal of High Energy Physics, 2013, 2013, 1.	4.7	39
18	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.	4.7	102

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19	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.	4.7	71
20	Measurement of the differential cross-section of B + meson production in pp collisions at $\sqrt{s}=7$ TeV at ATLAS. Journal of High Energy Physics, 2013, 2013, 1.	4.7	31
21	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.	4.7	52
22	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.	3.9	362
23	Measurement of the inclusive jet cross-section in pp collisions at $\sqrt{s}=2.76 \text{ TeV}$ and comparison to the inclusive jet cross-section at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. European Physical Journal C, 2013, 73, 2509.	3.9	105
24	Multi-channel search for squarks and gluinos in $\sqrt{s}=7 \text{ TeV}$ pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	3.9	34

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37	Dynamics of isolated-photon plus jet production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 873, 485-535.	2.5	33
38	Search for pair production of heavy top-like quarks decaying to a photon and a gluon in proton-proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 873, 485-535.	4.1	169
39	Search for pair production of heavy top-like quarks decaying to a photon and a gluon in proton-proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 873, 485-535.	4.1	6
40	Search for pair production of heavy top-like quarks decaying to a photon and a gluon in proton-proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 873, 485-535.	4.1	40
41	Search for pair production of heavy top-like quarks decaying to a photon and a gluon in proton-proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 873, 485-535.	4.1	38
42	Search for pair production of heavy top-like quarks decaying to a photon and a gluon in proton-proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 873, 485-535.	4.1	44
43	Search for pair production of heavy top-like quarks decaying to a photon and a gluon in proton-proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 873, 485-535.	4.1	14
44	Search for pair production of heavy top-like quarks decaying to a photon and a gluon in proton-proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 873, 485-535.	4.1	44
45	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.	3.9	61
46	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. European Physical Journal C, 2013, 73, 1.	3.9	45
47	Structure of a complete four-domain chitinase from <i>Moritella marina</i> , a marine psychrophilic bacterium. Acta Crystallographica Section D: Biological Crystallography, 2013, 69, 821-829.	2.5	37
48	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in proton-proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 841-859.	4.1	24
49	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. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 841-859.	4.1	24
50	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. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 879-901.	4.1	37
51	Measurement of the flavour composition of dijet events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 1.	3.9	15
52	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 1.	3.9	45
53	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.	3.9	209
54	Measurement of the $t\bar{t}$ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	3.9	45

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55	Measurement of Top Quark Polarization in Top-Antitop Events from Proton-Proton Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 111, 232002.	7.8	57
56	Search for excited electrons and muons in $\sqrt{s}=8$ TeV proton-proton collisions with the ATLAS detector. New Journal of Physics, 2013, 15, 093011.	2.9	23
57	Localization of the Sound Source with the Use of the First-order Ambisconic Microphone. Acta Physica Polonica A, 2013, 123, 1114-1117.	0.5	7
58	Measurement of hard double-parton interactions in $W+2$ -jet events at $\sqrt{s}=7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 033038.	2.9	147
59	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 043009.	2.9	15
60	Search for extra dimensions in diphoton events from proton-proton collisions at $\sqrt{s}=7$, 8 TeV in the ATLAS detector at the LHC. New Journal of Physics, 2013, 15, 043007.	2.9	41
61	Search for resonant diboson production in the WW/WZ decay channels with the ATLAS detector at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, .	4.7	18
62	Observation of Associated Near-Side and Away-Side Long-Range Correlations in pp Collisions with the ATLAS Detector. Physical Review Letters, 2013, 110, 182302.	4.7	112
63	Measurement of χ production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	78
64	Search for Dark Matter Candidates and Large Extra Dimensions in Events with a Photon and Missing Transverse Momentum in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review D, 2013, 87, .	4.7	16
65	Search for long-lived stopped R -hadrons decaying out of time with pp collisions using the ATLAS detector. Physical Review D, 2013, 87, .	4.7	57
66	Search for contact interactions and large extra dimensions in dilepton events from pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	35
67	Measurement of charged-particle event shape variables in inclusive pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 88, .	4.7	12
68	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.	7.8	63
69	Measurement of W production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	76
70	Measurement of the W boson lifetime and mass in the ATLAS experiment. Physical Review D, 2013, 87, .	4.7	24
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73	Search for microscopic black holes in a like-sign dimuon final state using large track multiplicity with the ATLAS detector. Physical Review D, 2013, 88, .	4.7	14
74	Search for new phenomena in events with three charged leptons at $\sqrt{s} < 7 \text{ TeV}$ with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	14
75	Measurement of the production in $Z\tilde{\chi}^0_3$ collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Physical Review Letters, 2013, 111, 152301.	4.7	60
76	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.	7.8	59
77	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.	1.2	59
78	TIARA project. Proceedings of SPIE, 2013, , .	0.8	0
79	Triggers for displaced decays of long-lived neutral particles in the ATLAS detector. Journal of Instrumentation, 2013, 8, P07015-P07015.	1.2	48
80	Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$. Physical Review Letters, 2012, 108, 241802.	7.8	37
81	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	3
82	Search for resonant top quark plus jet production in $t\bar{t} + \text{jets}$ events with the ATLAS detector in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Physical Review D, 2012, 86, .	4.7	16
83	Search for a Supersymmetric Partner to the Top Quark in Final States with Jets and Missing Transverse Momentum at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	63
84	Search for Scalar Bottom Quark Pair Production with the ATLAS Detector in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$. Physical Review Letters, 2012, 108, 181802.	7.8	61
85	ATLAS measurements of the properties of jets for boosted particle searches. Physical Review D, 2012, 86, .	4.7	21
86	Search for New Phenomena in $t\bar{t} + \text{jets}$ Events with Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	46
87	Observation of Spin Correlation in $W\tilde{\chi}^0_1$ Production in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	31
88	Search for New Phenomena in $t\bar{t} + \text{jets}$ Events from $p\bar{p}$ Collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	80
89	Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. Physical Review D, 2012, 86, .	4.7	135
90	Observation of a New $\tilde{\chi}^0_1 b$ State in Radiative Transitions to $\tilde{\chi}^0_2$ in $p\bar{p}$ Collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	90

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91	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 081801.	4.7	45
92	Search for Resonances in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 081801.	7.8	33
93	Underlying event characteristics and their dependence on jet size of charged-particle jet events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	12
94	Search for Pair Production of a New Quark that Decays into a Z Boson and a Bottom Quark with the ATLAS Detector. Physical Review Letters, 2012, 109, 071801.	7.8	26
95	Measurement of the azimuthal anisotropy for charged particle production in lead-lead collisions with the ATLAS detector. Physical Review C, 2012, 86, .	2.9	365
96	Search for the Higgs Boson in the $H \rightarrow ZZ$ Decay Channel in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 111802.	7.8	85
97	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.	7.8	61
98	Further search for supersymmetry at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	42
99	Search for anomalous production of prompt like-sign muon pairs and constraints on physics beyond the standard model with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	26
100	Measurement of the production cross section of a Z boson in jets from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 251801.	4.7	23
101	Search for production of a Z boson from ATLAS Measurements of WZ production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 109, 012001.	7.8	117
102	Search for Production of Resonant States in the Photon-Jet Mass Distribution Using pp Collisions at $\sqrt{s} = 7$ TeV Collected by the ATLAS Detector. Physical Review Letters, 2012, 108, 211802.	7.8	12
103	Measurement of the production cross section of a Z boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 041804.	7.8	33
104	Search for Supersymmetry in Events with Three Leptons and Missing Transverse Momentum in pp Collisions with the ATLAS Detector. Physical Review Letters, 2012, 108, 261804.	7.8	33
105	Search for production of a Z boson in the two-lepton channel at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 032001.	4.7	23
106	Search for Down-Type Fourth Generation Quarks with the ATLAS Detector in Events with One Lepton and Hadronically Decaying Bosons. Physical Review Letters, 2012, 109, 032001.	7.8	40
107	Search for production of a Z boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 032001.	4.7	47
108	Search for resonant WZ production in the $WZ \rightarrow ZZ$ channel in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	12

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109	A study of the material in the ATLAS inner detector using secondary hadronic interactions. Journal of Instrumentation, 2012, 7, P01013-P01013.	1.2	23
110	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector using final states with two high-p T leptons. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
111	Jet mass and substructure of inclusive jets in $\sqrt{s} = 7, \text{TeV}$ pp collisions with the ATLAS experiment. Journal of High Energy Physics, 2012, 2012, 1.	4.7	88
112	Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	12
113	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb^{-1} of $\sqrt{s} = 7, \text{TeV}$ proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	53
114	A search for $\overline{t}t$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	40
115	Search for the Standard Model Higgs boson in the $H \rightarrow \tau^+ \tau^-$ decay mode in $\sqrt{s} = 7, \text{TeV}$ pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
116	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s} = 7, \text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
117	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
118	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.	4.7	54
119	Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
120	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
121	Time-dependent angular analysis of the decay $B_s^0 \rightarrow \tau^+ \tau^-$ and extraction of $\arg(\tilde{c}_\tau)$ and the CP-violating weak phase $\arg(\tilde{c}_\tau)$ by ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	23
122	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s} = 7, \text{TeV}$ pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	48
123	Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s} = 7, \text{TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13
124	Search for excited leptons in proton-proton collisions at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, 1.	4.7	14
125	Measurement of the isolated diphoton cross section in pp collisions at $\sqrt{s} = 7, \text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	41
126	Search for pair production of massive particles decaying into two quarks and a lepton with the ATLAS detector in $\sqrt{s} = 7, \text{TeV}$ pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	24

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127	Measurement of the production cross section for $Z \rightarrow W^+ W^-$ association with jets in $\sqrt{s} = 7$ TeV pp collisions using $\sqrt{s} = 7$ TeV ATLAS data. Physical Review D, 2012, 85, 074017.	4.7	31
128	Measurement of the inclusive $Z \rightarrow W^+ W^-$ production cross section in $\sqrt{s} = 7$ TeV pp collisions using ATLAS data. Physical Review D, 2012, 85, 074018.	4.7	31
129	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in final states with missing transverse momentum and b -jets with the ATLAS detector. Physical Review D, 2012, 85, 072001.	4.7	30
130	Measurement of the transverse momentum distribution of $Z \rightarrow W^+ W^-$ bosons in $\sqrt{s} = 7$ TeV pp collisions at the ATLAS detector. Physical Review D, 2012, 85, 074019.	4.7	37
131	Measurement of the $Z \rightarrow W^+ W^-$ production cross section using decays to $Z \rightarrow W^+ W^-$ final states in pp collisions at $\sqrt{s} = 7$ TeV. Nuclear Physics B, 2012, 864, 341-381.	7.8	171
132	A Particle Consistent with the Higgs Boson Observed with the ATLAS Detector at the Large Hadron Collider. Science, 2012, 338, 1576-1582.	12.6	74
133	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in $\sqrt{s} = 7$ TeV pp collisions using $\sqrt{s} = 7$ TeV ATLAS data. Physical Review D, 2012, 85, 072002.	4.7	57
134	Measurement of the b -hadron production cross section using decays to $Z \rightarrow W^+ W^-$ final states in pp collisions at $\sqrt{s} = 7$ TeV. Nuclear Physics B, 2012, 864, 341-381.	2.5	31
135	Search for the decay $Z \rightarrow W^+ W^-$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	4.1	59
136	Search for events with large missing transverse momentum, jets, and at least two tau leptons in 7 TeV proton-proton collision data with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 180-196.	4.1	12
137	Search for scalar top quark pair production in natural gauge mediated supersymmetry models with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	4.1	6
138	Search for the decay $Z \rightarrow W^+ W^-$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	4.1	17
139	Search for the Standard Model Higgs boson in the $Z \rightarrow W^+ W^-$ final states in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 1-29.	4.1	14
140	Search for the Standard Model Higgs boson in the $Z \rightarrow W^+ W^-$ final states in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 1-29.	4.1	14
141	Evidence for the associated production of a W boson and a top quark in ATLAS data. Physical Review D, 2012, 85, 072003.	4.1	14
142	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.	4.1	6,386
143	Binding of the plant hormone kinetin in the active site of Mistletoe Lectin I from <i>Viscum album</i> . Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 334-338.	2.3	6
144	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	3.9	248

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145	Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	100
146	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	13
147	Measurement of $t\bar{t}$ production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2012, 72, 2043.	3.9	109
148	A search for $t\bar{t}$ resonances with the ATLAS detector in 2.05 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2083.	3.9	25
149	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.	3.9	37
150	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	16
151	Measurement of $W \hat{\pm} Z$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	59
152	Search for top and bottom squarks from gluino pair production in final states with missing transverse energy and at least three b-jets with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	25
153	Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	22
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187	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.	4.1	39
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