

kamal benslama

List of Publications by Year in descending order

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424
papers

35,471
citations

3930

88
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4770

169
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425
all docs

425
docs citations

425
times ranked

12653
citing authors

#	ARTICLE	IF	CITATIONS
1	Centrality, rapidity, and transverse momentum dependence of isolated prompt photon production in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physical Review C, 2016, 93, 014907.	1.1	36
2	Addendum to "Measurement of the $t\bar{t}$ production cross-section using $e^+e^- \rightarrow t\bar{t} + b\bar{b}$ events with b-tagged jets in pp collisions at $\sqrt{s} = 7$ and $8\sqrt{s}$ TeV with the ATLAS detector". European Physical Journal C, 2016, 76, 1.	1.4	19
3	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. Observation of top-quark pair production in association with a photon and measurement of the $t\bar{t}$ production 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, 2015, 351, 276-305.	1.4	60
4	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	36
5	Centrality and rapidity dependence of inclusive 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, 2015, 351, 276-305.	1.5	16
6	Search for W rightarrow tb rightarrow qqbb $W \rightarrow t\bar{b}$ $q\bar{q}b\bar{b}$ decays in pp collisions at $\sqrt{s} = 8\sqrt{s}$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	1.4	28
7	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 158.	1.5	93
8	Search for W rightarrow tb rightarrow qqbb $W \rightarrow t\bar{b}$ $q\bar{q}b\bar{b}$ decays in pp collisions at $\sqrt{s} = 8\sqrt{s}$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	1.4	35
9	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 158.	1.4	17
10	Search for W rightarrow tb rightarrow qqbb $W \rightarrow t\bar{b}$ $q\bar{q}b\bar{b}$ decays in pp collisions at $\sqrt{s} = 8\sqrt{s}$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	1.5	57
11	Measurement of the production and lepton charge asymmetry of W bosons in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 23.	1.4	41
12	Search for the W rightarrow tb rightarrow qqbb $W \rightarrow t\bar{b}$ $q\bar{q}b\bar{b}$ decays in pp collisions at $\sqrt{s} = 8\sqrt{s}$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	1.5	20
13	Search for pair-produced long-lived neutral particles decaying to jets in the ATLAS hadronic calorimeter in pp collisions at $\sqrt{s} = 8\sqrt{s}$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 15-34.	1.5	48
14	Search for Higgs Boson Pair Production in the $t\bar{t}b\bar{b}$ Final State Using pp Collision Data at $\sqrt{s} = 8\sqrt{s}$ TeV from the ATLAS Detector. Physical Review Letters, 2015, 114, 081802.	2.9	98
15	Search for new phenomena in the jet mass distribution using pp collision data at $\sqrt{s} = 8\sqrt{s}$ TeV from the ATLAS Detector. Physical Review Letters, 2015, 114, 081802.	1.6	227
16	Measurements of the Nuclear Modification Factor for Jets in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2015, 114, 081802.	2.9	135
17	Measurements of Higgs boson production and couplings in the four-lepton channel in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2015, 114, 081802.	1.6	158
18	Simultaneous measurements of the $t\bar{t}$ production cross-section and $t\bar{t}b\bar{b}$ decays in pp collisions at $\sqrt{s} = 8\sqrt{s}$ TeV with the ATLAS detector. Physical Review D, 2015, 92, 014004.	1.6	16

#	ARTICLE	IF	CITATIONS
19	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
20	Search for resonant diboson production in the $\ell\ell\gamma q$ final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	1.4	74
21	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
22	Measurement of the $t\bar{t}$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
23	Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s}=7$ TeV using 4.5 fb^{-1} of data with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	35
24	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
25	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 120.	1.4	62
26	Measurement of three-jet production cross-sections in pp collisions at $\sqrt{s}=7$ TeV centre-of-mass energy using the ATLAS detector. European Physical Journal C, 2015, 75, 228.	1.4	23
27	Two-particle Bose-Einstein correlations in pp collisions at $\sqrt{s}=0.9$ and 7 TeV measured with the ATLAS detector. European Physical Journal C, 2015, 75, 466.	1.4	42
28	Measurement of the total cross section from elastic scattering in pp collisions at $\sqrt{s}=0.9$ and 7 TeV with the ATLAS detector. Nuclear Physics B, 2014, 889, 486-548.	0.9	155
29	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
30	A neural network clustering algorithm for the ATLAS silicon pixel detector. Journal of Instrumentation, 2014, 9, P09009-P09009.	0.5	45
31	Measurement of Higgs boson production in the diphoton decay channel in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2014, 90.	1.6	214
32	Comprehensive measurements of $t\bar{t}$ -channel single top-quark production cross sections at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. Physical Review D, 2014, 90.	1.6	68
33	Measurements of spin correlation in top-antitop quark events from proton-proton collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. Physical Review D, 2014, 90.	1.6	31
34	Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. European Physical Journal C, 2014, 74, 3117.	1.4	40
35	A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector. European Physical Journal C, 2014, 74, 3168.	1.4	23
36	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $\sqrt{s}=8$ TeV with ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45

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37	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb ⁻¹ of s s \sqrt{s} = 8 TeV proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	12
38	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using s s \sqrt{s} =8 TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	1.6	128
39	Search for WZ resonances in the fully leptonic channel using pp collisions at \sqrt{s} = 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 304-312.	1.5	58
40	Search for the Standard Model Higgs boson decay to ZZ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 313-322.	1.5	116
41	Fiducial and differential cross sections of Higgs boson production measured in the four-lepton decay channel in pp collisions at \sqrt{s} = 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 323-332.	1.5	11
42	Search for new resonances in WV and ZV final states in pp collisions at \sqrt{s} = 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 333-342.	1.5	58
43	Measurement of inclusive jet charged-particle fragmentation functions in Pb+Pb collisions at $\sqrt{s_{NN}}$ = 2.76 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 320-342.	1.5	121
44	Measurement of the cross-section of high transverse momentum vector bosons reconstructed as single jets and studies of jet substructure in pp collisions at \sqrt{s} = 7 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 320-342.	1.2	24
45	Search for Quantum Black Hole Production in High Invariant-Mass pp Collisions at \sqrt{s} = 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 320-342.	2.9	35
46	Search for Quantum Black Hole Production in High Invariant-Mass pp Collisions at \sqrt{s} = 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 320-342.	1.6	237
47	Measurements of Four-Lepton Production at the ATLAS Detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 320-342.	2.9	51
48	Resonance in ZZ Collisions at \sqrt{s} = 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 320-342.	2.9	123
49	Measurements of normalized differential cross sections for WZ production in pp collisions at \sqrt{s} = 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 320-342.	1.6	71
50	Search for dark matter in events with a WZ boson and missing transverse momentum in pp collisions at \sqrt{s} = 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 320-342.	1.6	90
51	Search for invisible Decays of a Higgs Boson Produced in Association with a WZ Boson in ATLAS. Physical Review Letters, 2014, 112, .	2.9	130
52	Measurement of the inclusive isolated prompt photons cross section in pp collisions at \sqrt{s} = 8 TeV with the ATLAS detector. Physical Review D, 2014, 89, .	1.6	58

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73	Measurement of the production cross-section of $\tilde{\chi}^0(2S) \hat{\alpha}^+ J/\psi(\hat{\alpha}^+ \hat{1}/4 + \hat{1}/4 \hat{\alpha}^-) \tilde{\chi}^0 + \tilde{\chi}^0 \hat{\alpha}^-$ in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
74	Measurement of the $Z/\tilde{\chi}^0$ * boson transverse momentum distribution in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	131
75	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at $s = 8 \sqrt{s} = 8 \text{ TeV}$ proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	38
76	Measurement of differential production cross-sections for a Z boson in association with b-jets in 7 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
77	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	47
78	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
79	Search for Higgs boson decays to a photon and a Z boson in pp collisions at $s = 7$ and 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2014, 722, 827.		
80	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	42
81	Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.5	8
82	The differential production cross section of the $\phi(1020)$ meson in $s = 7 \text{ TeV}$ pp collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	1.4	13
83	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
84	Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	1.4	23
85	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	1.4	22
86	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	1.4	77
87	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $s = 8 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
88	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $s = 8 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	88
89	Measurement of the production cross section of prompt J/ψ mesons in association with a W^\pm boson in pp collisions at $s = 7 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
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91	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	36
92	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
93	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
94	Search for top quark decays $t \rightarrow qH$ with $H \rightarrow \tau\tau$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, .	1.6	35
95	Search for supersymmetry at $\sqrt{s} = 8$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
96	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
97	Search for direct top-squark 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
98	Measurement of c_1 and c_2 production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	1.6	32
99	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	10
100	Search for new particles in events with one lepton 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	45
101	Search for direct top squark pair production in events with a Z boson, b-jets and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	1.4	55
102	Search for new phenomena in photon + jet events collected in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 562-578.		
103	Operation and performance of the ATLAS semiconductor tracker. Journal of Instrumentation, 2014, 9, P08009-P08009.	0.5	25
104	Standalone vertex finding in the ATLAS muon spectrometer. Journal of Instrumentation, 2014, 9, P02001-P02001.	0.5	15
105	Monitoring and data quality assessment of the ATLAS liquid argon calorimeter. Journal of Instrumentation, 2014, 9, P07024-P07024.	0.5	16
106	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
107	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
108	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.	1.6	32

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109	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
110	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
111	Search for charged Higgs bosons through the violation of lepton universality in $\overline{t}t$ events using pp collision data at $\sqrt{s}=7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2013, 2013, 1.	1.6	19
112	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
113	Measurement of k_T splitting scales in $W\tilde{\chi}^0$ events at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	1.4	19
114	Search for a light charged Higgs boson in the decay channel $H^{\pm} \rightarrow c\bar{s}$ in $t\bar{t}$ events using pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2465.	1.4	119
115	Search for displaced muonic lepton jets from light Higgs boson decay in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.5	21
116	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, 725, 223-242.	1.5	67
117	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, 725, 223-242.	1.5	67
118	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.	0.9	59
119	A precision measurement of charm dimuon production in neutrino interactions from the NOMAD experiment. Nuclear Physics B, 2013, 876, 339-375.	1.5	307
120	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.	1.6	39
121	Search for displaced muonic lepton jets from light Higgs boson decay in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	102
122	Search for displaced muonic lepton jets from light Higgs boson decay in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	71
123	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	31
124	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.	1.6	52
125	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.		

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127	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
128	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.	1.4	105
129	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.	1.4	34

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145	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, 2013, 719, 299-317.	1.5	40
146	Search for prompt lepton-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 299-317.	1.5	44
147	Search for a heavy narrow resonance decaying to $B_s^0 \ell^+ \ell^-$ or $B_s^0 \ell^+ \ell^-$ with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 299-317.	1.5	14
148	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.	1.5	44
149	Search for direct production of charginos and neutralinos in events with three 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, 2013, 719, 280-298.	1.4	61
150	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	45
151	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.	1.4	24
152	Search for direct production of charginos and neutralinos in events with three 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, 2013, 718, 841-859.	1.5	24
153	Search for new phenomena in the production of top quark pairs 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, 869-877.	1.5	27
154	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.	1.5	37
155	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.	1.4	15
156	Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 1.	1.4	45
157	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
158	Measurement of the $\tau^+ \tau^-$ production cross section in the tau + jets channel using the ATLAS detector. European Physical Journal C, 2013, 73, 2328.	1.4	45
159	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, 202002.	2.9	57
160	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.	1.2	23
161	Measurement of hard double-parton interactions in $W^+ W^- (\hat{a}^+ \hat{a}^-, \hat{a}^+ \hat{a}^-) + 2$ -jet events at $\sqrt{s} = 7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 033038.	1.2	147
162	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.	1.2	15

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163	Search for extra dimensions in diphoton events from proton-proton collisions at $\sqrt{s} = 7, 8$ TeV in the ATLAS detector at the LHC. <i>New Journal of Physics</i> , 2013, 15, 043007.	1.2	41
164	Search for resonant diboson production in the WW/WZ decay channels with the ATLAS detector at $\sqrt{s} = 7, 8$ TeV. <i>Physical Review D</i> , 2013, 87, .	1.6	18
165	Observation of Associated Near-Side and Away-Side Long-Range Correlations in pp collisions at $\sqrt{s} = 7, 8$ TeV. <i>Physical Review Letters</i> , 2013, 110, 022301.	1.6	112
166	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $R_{\text{jet}} > 0.2$ and $R_{\text{miss}} > 0.2$. <i>Physical Review D</i> , 2013, 87, .	1.6	112
167	Measurement of ϵ production in pp collisions at ATLAS. <i>Physical Review D</i> , 2013, 87, .	1.6	78
168	Search for nonpointing photons in the diphoton and pp collisions at ATLAS. <i>Physical Review D</i> , 2013, 87, .	1.6	16
169	Search for long-lived stopped R -hadrons decaying out of time with $R > 0.2$ and $R_{\text{miss}} > 0.2$. <i>Physical Review D</i> , 2013, 87, .	2.9	105
170	Search for long-lived stopped R -hadrons decaying out of time with $R > 0.2$ and $R_{\text{miss}} > 0.2$. <i>Physical Review D</i> , 2013, 87, .	1.6	57
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173	Measurement of Z production in Pb - Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2013, 110, 022301.	2.9	63
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176	Search for microscopic black holes in a like-sign dimuon final state using large track multiplicity with the ATLAS detector. <i>Physical Review D</i> , 2013, 88, .	1.6	14
177	Search for new phenomena in events with three charged leptons at $\sqrt{s} = 7, 8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2013, 87, .	1.6	14
178	Measurements of W production in pp collisions at $\sqrt{s} = 7, 8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2013, 87, .	1.6	60
179	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. <i>Physical Review Letters</i> , 2013, 111, 152301.	2.9	59
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183	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. Physical Review D, 2012, 86, .	1.6	3
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241	Search for the Standard Model Higgs boson in the $W \rightarrow \tau \nu$ decay channel with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 142-150.	1.5	14
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274	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
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316	Measurement of the Z boson cross section with the ATLAS detector. Physical Review D, 2011, 84, .	1.6	29
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323	Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1fb^{-1} of pp collisions at $\sqrt{s} = 7\text{-mathrm}\{\text{TeV}\}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 28-46.	1.5	21
324	Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1fb^{-1} of pp collisions at $\sqrt{s} = 7\text{-mathrm}\{\text{TeV}\}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 28-46.	1.5	21

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326	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters B, 2011, 705, 294-312.	1.5	35
327	Search for the Standard Model Higgs boson in the decay channel $H \rightarrow Z\gamma$ with the ATLAS detector at the LHC. Physics Letters B, 2011, 705, 294-312.	1.5	57
328	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, 294-312.	1.5	22
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330	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.5	49
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339	Search for diphoton events with large missing transverse energy with 36 pb $^{-1}$ of 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	15
340	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
341	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
342	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb $^{-1}$ of ATLAS data. European Physical Journal C, 2011, 71, 1.	1.4	14

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346	Measurement of $W^{\pm}Z$ and $Z^{\pm}Z$ production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	11
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