

Andre Do Valle Wemans

List of Publications by Year in descending order

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364
papers

32,568
citations

4960

84
h-index

5255

165
g-index

367
all docs

367
docs citations

367
times ranked

12029
citing authors

#	ARTICLE	IF	CITATIONS
1	The ALFA Roman Pot detectors of ATLAS. Journal of Instrumentation, 2016, 11, P11013-P11013.	1.2	23
2	Centrality, rapidity, and transverse momentum dependence of isolated prompt photon production in lead-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. Physical Review C, 2016, 93, .	2.9	36
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 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.	3.9	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.	4.7	36
5	Measurement of the 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, 342, 392-413.	2.76	16
6	Search for $W \rightarrow tb$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 165.	4.7	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.	4.1	93
8	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.	3.9	35
9	Search for pair-produced long-lived neutral particles decaying to jets in the ATLAS hadronic calorimeter in pp collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 15-34.	3.9	17
10	Search for Higgs Boson Pair Production in the $t\bar{t}b\bar{b}$ Final State Using pp Collision Data at $\sqrt{s} = 8$ TeV from the ATLAS Detector. Physical Review Letters, 2015, 114, 081802.	7.8	98
11	Search for new phenomena in the dijet mass distribution using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector. Measurements of the Nuclear Modification Factor for Jets in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Simultaneous measurements of the 3ℓ and 4ℓ channels in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. 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.	4.7	227
12	Measurements of the Nuclear Modification Factor for Jets in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Simultaneous measurements of the 3ℓ and 4ℓ channels in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. 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.	7.8	135
13	Measurements of Higgs boson production and couplings in the 4ℓ channel in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Simultaneous measurements of the 3ℓ and 4ℓ channels in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. 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.	4.7	158
14	Simultaneous measurements of the 3ℓ and 4ℓ channels in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. 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.	4.7	16
15	Search for resonant diboson production in the $q\bar{q} \rightarrow q\bar{q} \gamma\gamma$ final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	3.9	268
16	Search for resonant diboson production in the $q\bar{q} \rightarrow q\bar{q} \gamma\gamma$ final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 69.	3.9	74

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19	Measurements of the W production cross sections in association with jets with the ATLAS detector. European Physical Journal C, 2015, 75, 82.	3.9	92
20	Search for the $b\bar{b}$ decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	89
21	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.	4.7	35
22	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.	4.7	60
23	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 120.	3.9	62
24	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.	3.9	23
25	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.	3.9	42
26	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	82
27	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.	2.5	155
28	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.	3.9	213
29	A neural network clustering algorithm for the ATLAS silicon pixel detector. Journal of Instrumentation, 2014, 9, P09009-P09009.	1.2	45
30	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.	4.7	214
31	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.	4.7	68
32	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, .	4.7	31
33	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.	3.9	40
34	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.	3.9	23
35	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb ⁻¹ of $\sqrt{s} = 8$ TeV proton-proton collision data with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	12
36	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.	4.7	128

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37	Measurement of the $t\bar{t}$ production cross-section using $Seu e \hat{1}/4$ events with b -tagged jets in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3109.	3.9	143
38	Search for WZ resonances in the fully leptonic channel using pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 423-448.	4.1	58
39	Search for the Standard Model Higgs boson decay to $\tau\tau$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 423-447.	4.1	121
40	Measurement of the cross-section of high transverse momentum elementary particles in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 423-447.	4.1	121
41	Search for new resonances in WZ and $Z\gamma$ final states in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 423-447.	4.1	58
42	Search for high-mass dilepton resonances in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 423-447.	4.1	58
43	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. New Journal of Physics, 2014, 16, 113013.	2.9	24
44	Search for high-mass dilepton resonances in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 423-447.	7.8	35
45	Search for high-mass dilepton resonances in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 423-447.	4.7	237
46	Evidence for Electroweak Production of WZ Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review D, 2014, 90, 012004.	7.8	51
47	Evidence for Electroweak Production of WZ Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review D, 2014, 90, 012004.	7.8	123
48	Flavor-tagged time-dependent angular analysis of the WZ production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 423-447.	4.7	71
49	Search for Scalar Diphoton Resonances in the Mass Range 65 to 1600 GeV with the ATLAS Detector. Physical Review Letters, 2014, 113, 171801.	4.7	90
50	Search for Invisible Decays of a Higgs Boson Produced in Association with a W or Z Boson in ATLAS. Physical Review Letters, 2014, 112, 051801.	7.8	168
51	Measurement of the inclusive isolated prompt photons cross section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2014, 89, 014011.	7.8	130
52	Search for Scalar Diphoton Resonances in the Mass Range 65 to 1600 GeV with the ATLAS Detector. Physical Review Letters, 2014, 113, 171801.	4.7	58
53	Search for Scalar Diphoton Resonances in the Mass Range 65 to 1600 GeV with the ATLAS Detector. Physical Review Letters, 2014, 113, 171801.	4.7	58

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55	Search for a multi-Higgs-boson cascade in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2014, 89, .	4.7	15
56	Search for the lepton flavor violating decay $Z \rightarrow e\tau$ in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2014, 89, .		52
57	Study of heavy-flavor quarks produced in association with top-quark pairs at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physical Review D, 2014, 89, .	4.7	12
58	Measurement of the Higgs boson mass from the $H \rightarrow \tau\tau$ decay in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2014, 89, .	4.7	176
59	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.	7.8	129
60	Measurement of long-range pseudorapidity correlations and azimuthal harmonics in pp collisions with the ATLAS detector. Physical Review C, 2014, 90, .	2.9	111
61	Observation of an Excited B_c State with the ATLAS Detector. Physical Review Letters, 2014, 113, 212004.	4.7	112
62	Measurement of event-plane correlations in pp collisions with the ATLAS detector. Physical Review C, 2014, 90, .	2.9	134
63	Search for supersymmetry in events with four or more leptons in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2014, 90, .	4.7	126
64	Search for supersymmetry in events with four or more leptons in pp collisions with the ATLAS detector. Physical Review D, 2014, 90, .	4.7	48
65	Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	66
66	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in pp collisions at $\sqrt{s} = 7$ TeV in 2010. European Physical Journal C, 2014, 74, 3034.	3.9	58
67	Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data. European Physical Journal C, 2014, 74, 1.	3.9	172
68	Search for contact interactions and large extra dimensions in the dilepton channel using pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3134.	3.9	48
69	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.	3.9	68
70	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3195.	3.9	46
71	Measurement of the production cross-section of J/ψ ($\psi(2S)$) in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
72	Measurement of the Z/τ boson transverse momentum distribution in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	131

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73	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.	4.7	45
74	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $s = 8 \sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	47
75	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 $s = 8 \sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
76	Search for Higgs boson decays to a photon and a Z boson in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 8-27.	4.1	8
77	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	42
78	Measurement of the mass difference between top and anti-top quarks in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 8-27.	4.7	40
79	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 $s = 8 \sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40
80	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7$ TeV pp collisions measured with the ATLAS detector. European Physical Journal C, 2014, 74, 2895.	3.9	13
81	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.	3.9	204
82	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.	3.9	23
83	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 2982.	3.9	22
84	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	3.9	77
85	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.	4.7	88
86	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.	4.7	59
87	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.	4.7	145
88	Search for top quark decays $t \rightarrow qH$ with $H \rightarrow \tau\tau$ using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, .	4.7	35
89	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.	4.7	45
90	Measurement of the low-mass Drell-Yan differential cross section at $s = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25

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91	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.	4.7	32
92	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.	4.7	10
93	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.	4.7	45
94	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.	3.9	55
95	Search for new phenomena in photon + jet events collected in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 562-578.	4.7	32
96	Operation and performance of the ATLAS semiconductor tracker. Journal of Instrumentation, 2014, 9, P08009-P08009.	1.2	25
97	Standalone vertex finding in the ATLAS muon spectrometer. Journal of Instrumentation, 2014, 9, P02001-P02001.	1.2	15
98	Monitoring and data quality assessment of the ATLAS liquid argon calorimeter. Journal of Instrumentation, 2014, 9, P07024-P07024.	1.2	16
99	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
100	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
101	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
102	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
103	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
104	Search for charged Higgs bosons through the violation of lepton universality in $t\bar{t}$ 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
105	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
106	Measurement of K π splitting scales in $W \rightarrow \mu \nu_\mu$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	3.9	19
107	Search for a light charged Higgs boson in the decay channel $H^+ \rightarrow c\bar{s}$ in $t\bar{t}$ events using pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Measurement of angular correlations in Drell-Yan lepton pairs to probe κ_{ZZ} boson transverse momentum at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	3.9	119
108	Measurement of angular correlations in Drell-Yan lepton pairs to probe κ_{ZZ} boson transverse momentum at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	32

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109	Search for displaced muonic lepton jets from light Higgs boson decay in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 277-308.	4.1	21
110	Measurement of the 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, 720, 277-308.	4.1	67
111	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.	4.7	39
112	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
113	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
114	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
115	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
116	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.	3.9	362
117	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.	3.9	105
118	Multi-channel search for squarks and gluinos in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2362.	3.9	34
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127	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.	4.7	64
128	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.	4.7	59
129	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
130	Search for single top quark pair production with the ATLAS detector at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.1	11
131	Search for light top quark pair production in final states with leptons and b-jets with the ATLAS detector in proton-proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.1	195
132	Search for proton-proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.1	33
133	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, 720, 13-31.	4.1	33
134	Measurement with the ATLAS detector of multi-particle azimuthal correlations 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, 13-31.	4.1	169
135	Search for supersymmetry in events with photons, bottom quarks, and missing transverse momentum 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, 720, 13-31.	4.1	6
136	Search for pair production of heavy top-like quarks decaying to a high-speed 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, 720, 13-31.	4.1	40
137	Search for long-lived, multi-charged particles 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, 13-31.	4.1	24
138	Search for long-lived, multi-charged particles 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, 13-31.	4.1	24
139	Search for long-lived, multi-charged particles 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, 13-31.	4.1	14
140	Search for long-lived, multi-charged particles 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, 13-31.	4.1	44
141	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
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. European Physical Journal C, 2013, 73, 1.	3.9	45
143	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 860-878.	4.1	24
144	Search for new phenomena in the final state 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, 860-878.	4.1	24

#	ARTICLE	IF	CITATIONS
145	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.	4.1	37
146	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
147	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
148	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
149	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
150	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
151	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
152	Measurement of hard double-parton interactions in $W(\rightarrow \ell\bar{\ell}) + 2$ -jet events at $\sqrt{s}=7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 033038.	2.9	147
153	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
154	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
155	Search for resonant diboson production in the $WW/WZ \rightarrow \ell\bar{\ell} + 2j$ decay channels with the ATLAS detector at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, .	4.7	18
156	Observation of Associated Near-Side and Away-Side Long-Range Correlations in pp Collisions with the ATLAS Detector. Physical Review Letters, 2013, 110, 182302.	7.8	112
157	Search for long-lived stopped c -hadrons decaying out of time with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	112
158	Measurement of upsilon production in pp collisions at ATLAS. Physical Review D, 2013, 87, .	4.7	78
159	Search for Dark Matter Candidates and Large Extra Dimensions in Events with a Photon and Missing Transverse Momentum in pp Collisions at ATLAS. Physical Review D, 2013, 87, .	4.7	16
160	Search for contact interactions and large extra dimensions in dilepton events from pp collisions at ATLAS. Physical Review D, 2013, 87, .	7.8	105
161	Search for contact interactions and large extra dimensions in dilepton events from pp collisions at ATLAS. Physical Review D, 2013, 87, .	4.7	57
162	Search for contact interactions and large extra dimensions in dilepton events from pp collisions at ATLAS. Physical Review D, 2013, 87, .	4.7	35

#	ARTICLE	IF	CITATIONS
163	Measurement of charged-particle event shape variables in inclusive(s)=7â€‰%â€‰%TeVproton-proton interactions with the ATLAS detector. Physical Review D, 2013, 88, .	4.7	12
164	Measurement of ZBoson Production in Pb-Pb Collisions at sNN=2.76â€‰%â€‰%TeV with the ATLAS Detector. Physical Review Letters, 2013, 110, 022301.	7.8	63
165	Measurement of the production in collisions at sNN=2.76â€‰%â€‰%TeV with the ATLAS Detector. Physical Review Letters, 2013, 110, 022301.	4.7	76
166	Measurement of the production and mass in the ATLAS experiment. Physical Review D, 2013, 87, .	4.7	14
167	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
168	Search for new phenomena in events with three charged leptons at sNN=2.76â€‰%â€‰%TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	14
169	Search for new phenomena in events with three charged leptons at sNN=2.76â€‰%â€‰%TeV with the ATLAS detector. Physical Review D, 2013, 87, .	4.7	60
170	Measurement of the Azimuthal Angle Dependence of Inclusive Jet Yields in Pb+Pb Collisions at sNN=2.76â€‰%â€‰%TeV with the ATLAS Detector. Physical Review Letters, 2013, 111, 152301.	7.8	59
171	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
172	Triggers for displaced decays of long-lived neutral particles in the ATLAS detector. Journal of Instrumentation, 2013, 8, P07015-P07015.	1.2	48
173	Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector in pp Collisions at s=7â€‰%â€‰%TeV. Physical Review Letters, 2012, 108, 241802.	7.8	37
174	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	3
175	Search for resonant top quark plus jet production in pp collisions at s=7â€‰%â€‰%TeV with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	16
176	Search for a Supersymmetric Partner to the Top Quark in Final States with Jets and Missing Transverse Momentum at s=7â€‰%â€‰%TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	63
177	Search for Scalar Bottom Quark Pair Production with the ATLAS Detector in pp Collisions at s=7â€‰%â€‰%TeV. Physical Review Letters, 2012, 108, 181802.	7.8	61
178	ATLAS measurements of the properties of jets for boosted particle searches. Physical Review D, 2012, 86, .	4.7	21
179	Search for New Phenomena in Events with Large Missing Transverse Momentum in Proton-Proton Collisions at s=7â€‰%â€‰%TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	46
180	Search for Pair Production of a Heavy, Up-Type Quark Decaying to a Boson and a Quark in the ATLAS Experiment. Physical Review Letters, 2012, 109, 211802.	7.8	31

#	ARTICLE	IF	CITATIONS
181	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, .	7.8	80
182	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. Physical Review D, 2012, 85, .	4.7	45
183	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, 108, 071801.	7.8	90
184	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
185	Search for the Higgs Boson in the $H \rightarrow ZZ$ Decay Channel in pp Collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS Detector. Physical Review Letters, 2012, 108, 111802.	7.8	35
186	Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at $\sqrt{s}=7\text{ TeV}$ using the ATLAS Detector. Physical Review Letters, 2012, 108, 251801.	7.8	61
187	Further search for supersymmetry at $\sqrt{s}=7\text{ TeV}$ in pp collisions with jets, missing transverse momentum, and isolated leptons with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	26
188	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
189	Measurement of the production cross section of the Higgs boson in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. Physical Review Letters, 2012, 108, 041804.	7.8	117
190	Determination of the Strange-Quark Density of the Proton from ATLAS Measurements of the Production Cross Section and Limits on Anomalous Neutral Triple Gauge Couplings in Proton-Proton Collisions at $\sqrt{s}=7\text{ TeV}$ using the ATLAS Detector. Physical Review Letters, 2012, 108, 041804.	7.8	33
191	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
192	Search for pair-produced heavy quarks decaying to a Z boson and a bottom quark in the two-lepton channel at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. Physical Review Letters, 2012, 108, 071801.	4.7	23
193	Search for pair-produced heavy quarks decaying to a Z boson and a bottom quark in the two-lepton channel at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. Physical Review Letters, 2012, 108, 071801.	4.7	23
194	Search for pair-produced heavy quarks decaying to a Z boson and a bottom quark in the two-lepton channel at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. Physical Review Letters, 2012, 108, 071801.	4.7	23
195	Search for pair-produced heavy quarks decaying to a Z boson and a bottom quark in the two-lepton channel at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. Physical Review Letters, 2012, 108, 071801.	4.7	23
196	Search for pair-produced heavy quarks decaying to a Z boson and a bottom quark in the two-lepton channel at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. Physical Review Letters, 2012, 108, 071801.	4.7	23
197	Search for pair-produced heavy quarks decaying to a Z boson and a bottom quark in the two-lepton channel at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. Physical Review Letters, 2012, 108, 071801.	4.7	23
198	Search for pair-produced heavy quarks decaying to a Z boson and a bottom quark in the two-lepton channel at $\sqrt{s}=7\text{ TeV}$ using the ATLAS detector. Physical Review Letters, 2012, 108, 071801.	4.7	23

#	ARTICLE	IF	CITATIONS
199	Search for Down-Type Fourth Generation Quarks with the ATLAS Detector in Events with One Lepton and Hadronically Decaying W boson in pp collisions. Physical Review Letters, 2012, 109, 032001.	7.8	40
200	Study of jets produced in association with a charm or bottom quark in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 109, 032001.	4.7	47
201	Search for resonant WZ production in the $WZ \rightarrow \ell\ell\nu\ell$ channel in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	12
202	A study of the material in the ATLAS inner detector using secondary hadronic interactions. Journal of Instrumentation, 2012, 7, P01013-P01013.	1.2	23
203	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. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
204	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.	4.7	88
205	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
206	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb^{-1} of $\sqrt{s} = 7$ TeV pp collisions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	53
207	A search for $\overline{t}t$ 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 Physics, 2012, 2012, 1.	4.7	40
208	Search for the Standard Model Higgs boson in the $H \rightarrow \ell\ell, \ell\gamma, \gamma\gamma$ decay mode in $\sqrt{s} = 7$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
209	A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	34
210	Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s} = 7$ TeV with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
211	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
212	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.	4.7	54
213	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
214	Time-dependent angular analysis of the decay $B_s^0 \rightarrow J/\psi \ell\ell$ and extraction of $\arg(\tilde{t}_1^* \tilde{t}_1)$ and the CP-violating weak phase $\arg(\tilde{t}_1^* \tilde{t}_1)$ by ATLAS. Journal of High Energy Physics, 2012, 2012, .	4.7	23
215	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.	4.7	48
216	Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13

#	ARTICLE	IF	CITATIONS
217	Search for excited leptons in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	14
218	Measurement of the isolated diphoton cross section in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	41
219	Measurement of the production cross section for W bosons in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	24
220	Association with jets in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	31
221	Search for supersymmetry in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	30
222	Search for supersymmetry in pp collisions at $\sqrt{s}=7\text{ TeV}$ in final states with missing transverse momentum and b -jets with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	30
223	Search for the Standard Model Higgs boson in the diphoton decay channel with the ATLAS detector. Physical Review Letters, 2012, 108, 111803.	7.8	171
224	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
225	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in pp collisions using $\sqrt{s}=7\text{ TeV}$ ATLAS data. Physical Review D, 2012, 85, .	4.7	57
226	Measurement of the b -hadron production cross section using decays to $D^* \rightarrow D \pi$ in pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Nuclear Physics B, 2012, 864, 341-381.	2.5	31
227	Search for the decay $B \rightarrow D^* \tau \nu$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	4.1	59
228	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
229	Search for supersymmetry with jets, missing transverse momentum and at least one hadronically decaying \tilde{t} , lepton in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 197-214.	4.1	6
230	Search for TeV-scale gravity signatures in final states with leptons and jets with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 197-214.	4.1	17
231	Search for TeV-scale gravity signatures in final states with leptons and jets with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 197-214.	4.1	17
232	Evidence for the associated production of a W boson and a top quark in ATLAS at $\sqrt{s}=7\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 142-159.	4.1	14
233	Evidence for the associated production of a W boson and a top quark in ATLAS at $\sqrt{s}=7\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 142-159.	4.1	14
234	Evidence for the associated production of a W boson and a top quark in ATLAS at $\sqrt{s}=7\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 142-159.	4.1	14

#	ARTICLE	IF	CITATIONS
235	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
236	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
237	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
238	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
239	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
240	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
241	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
242	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
243	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
244	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
245	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
246	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 7 TeV proton-proton collision data with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	13
247	Search for light scalar top-quark pair production in final states with two leptons with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions. European Physical Journal C, 2012, 72, 1.	3.9	31
248	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	36
249			

#	ARTICLE	IF	CITATIONS
253	Measurement of the top-quark pair 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, 2012, 718, 369-390.	4.1	113
254	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, 411-430.	4.1	40
255	Search for diphoton events with large missing transverse momentum in 7 TeV proton-proton collision data with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 411-430.	4.1	20
256	Search for Direct Top Squark Pair Production in Final States with One Isolated Lepton, Jets, and Missing Transverse Momentum Using 4.7 fb ⁻¹ of ATLAS Data. Physical Review Letters, 2012, 109, 211803.	4.1	75
257	Combined search for the Standard Model 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, 2012, 718, 411-430.	4.7	109
258	Search for a heavy Standard Model Higgs boson in the channel $W \rightarrow \tau \nu$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 411-430.	7.8	57
259	Performance of missing transverse momentum reconstruction in proton-proton collisions at $\sqrt{s} = 7$ TeV with ATLAS. European Physical Journal C, 2012, 72, 1.	3.9	230
260	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
261	Search for charged Higgs bosons decaying via $H \rightarrow \tau \nu$ in t events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	126
262	Measurement of the W boson polarization in top quark decays with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
263	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	29
264	Measurement of the top-quark pair 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, 2012, 718, 411-430.	4.1	16
265	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, 718, 411-430.	4.1	20
266	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, 718, 411-430.	4.1	20
267	Measurement of the top quark pair production 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, 718, 411-430.	4.1	20
268	Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s} = 7$ TeV in dilepton final states with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 459-477.	4.1	20
269	Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s} = 7$ TeV in dilepton final states with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 459-477.	4.1	20
270	Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s} = 7$ TeV in dilepton final states with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 459-477.	4.1	20

#	ARTICLE	IF	CITATIONS
271	Measurement of the pseudorapidity and transverse momentum dependence of the elliptic flow of charged particles 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, 2012, 707, 478-496.	4.1	231
272	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
273	Search for new physics in the dijet mass distribution using 1 fb ⁻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, 2012, 710, 363-382.	4.1	8
274	A measurement of the ratio of the W and Z cross-sections with exactly one associated jet in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	8
275	Search for new physics in the dijet mass distribution using 1 fb ⁻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, 2012, 710, 363-382.	4.1	58
276	Search for first generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	109
277	Combined high-energy Standard Model Higgs boson using up to 4.9 fb ⁻¹ of pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	17
278	Search for strong gravity signatures in same-sign dimuon final states using the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 322-340.	4.1	17
279	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, 363-382.	4.1	21
280	Search for diphoton events with large missing transverse momentum in $\sqrt{s} = 7$ TeV proton-proton collisions at the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	21
281	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 363-382.	4.1	21
282	Search for extra dimensions using diphoton events in 7 TeV proton-proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	4.1	36
283	Search for heavy vector-like quarks coupling to light quarks 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, 712, 22-39.	4.1	69
284	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.	4.1	69
285	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	4.1	40
286	Measurement of the WW cross section in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	4.1	40
287	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	4.1	40
288	Measurement of the WW cross section in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 538-556.	4.1	40

#	ARTICLE	IF	CITATIONS
289	Search for FCNC single top-quark production at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 351-369.	4.1	16
290	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	3.9	15

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307	Search for a heavy gauge boson decaying to a charged lepton and a neutrino in $\sqrt{s} = 7$ TeV pp collisions at the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 294-312.	4.1	45
308	Search for neutral MSSM Higgs bosons decaying to $Z\gamma$ pairs in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	4.1	45
309	Measurement of the transverse momentum distribution of Z bosons in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 705, 294-312.	4.1	45
310	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 452-470.	4.1	57
311	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.	4.1	22
312	Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	4.1	23
313	Measurement of inclusive jet and dijet cross sections in $\sqrt{s} = 7$ TeV proton-proton collisions at the ATLAS detector. European Physical Journal C, 2011, 71, 1.	4.1	49
314	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.	3.9	114
315	Measurements of underlying-event properties using neutral and charged particles in pp collisions at $\sqrt{s} = 900$ GeV and $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	146
316	Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	31
317	Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS experiment. European Physical Journal C, 2011, 71, 1.	3.9	18
318	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.	3.9	41
319	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.	3.9	40
320	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.	3.9	15
321	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.	3.9	60
322	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.	3.9	56
323	Measurement of $W\gamma$ and $Z\gamma$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	46
324		4.7	11

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325	Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	4.7	33
326	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.	4.7	65
327	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 254-312.	4.7	15
328	Measurement of the centrality dependence of Z production yields and observation of Z production in lead-lead collisions with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 254-312.	4.1	107
329	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.	4.1	107
330	Search for massive long-lived highly ionising particles with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 353-370.	4.1	28
331	Search for high-mass dilepton resonances 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.	4.1	32
332	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.	4.1	52
333	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.	4.1	38
334	Search for high-mass states with one lepton plus missing transverse momentum in proton-proton 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.	4.1	21
335	Search for supersymmetry 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.	4.1	126
336	Search for supersymmetry 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.	4.1	54
337	A search for new physics in dijet mass and angular distributions in pp collisions at $\sqrt{s} = 7$ TeV measured with the ATLAS detector. New Journal of Physics, 2011, 13, 053044.	2.9	116
338	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	2.9	314
339	Measurement of the inelastic proton-proton cross-section at $\sqrt{s} = 7$ TeV with the ATLAS detector. Nature Communications, 2011, 2, 463.	12.8	160
340	Search for the Higgs Boson in the $H \rightarrow WW \rightarrow l\bar{l}\nu\nu$ Decay Channel in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 107, 231801.	7.8	23
341	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 107, 231801.	7.8	15
342	Search for Supersymmetry Using Final States with One Lepton, Jets, and Missing Transverse Momentum with the ATLAS Detector in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 106, 131802.	7.8	136

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343	Search for Dilepton Resonances in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 172002.	7.8	81
344	Measurement of Dijet Azimuthal Decorrelations in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 172002.	7.8	61
345	Search for a Standard Model Higgs Boson in the $H \rightarrow ZZ \rightarrow 4\ell$ Decay Channel with the ATLAS Detector. Physical Review Letters, 2011, 107, 221802.	7.8	29
346	Search for Diphoton Events with Large Missing Transverse Energy in 7 TeV Proton-Proton Collisions with the ATLAS Detector. Physical Review Letters, 2011, 106, 121803.	7.8	19
347	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	3.9	61
348	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	3.9	95
349	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	3.9	51
350	Commissioning of the ATLAS Muon Spectrometer with cosmic rays. European Physical Journal C, 2010, 70, 875-916.	3.9	23
351	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	3.9	1,187
352	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
353	Measurement of the $W \rightarrow \ell \bar{\nu}_\ell$ and $Z \rightarrow \ell \ell$ production cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	4.7	64
354	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.	4.7	118
355	Search for New Particles in Two-Jet Final States in 7 TeV Proton-Proton Collisions with the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 161801.	7.8	113
356	Observation of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 252303.	7.8	581
357	The ATLAS Experiment at the CERN Large Hadron Collider. Journal of Instrumentation, 2008, 3, S08003-S08003.	1.2	1,752
358	The influence of magnetic confinement in DC abnormal-glow discharges. Vacuum, 2007, 81, 1498-1502.	3.5	4
359	Breakdown in planar magnetron discharges of argon on copper. Vacuum, 2007, 81, 1511-1514.	3.5	7
360	Dual DC magnetron cathode co-deposition of (Al,Ti) and (Al,Ti,N) thin films with controlled depth composition. Vacuum, 2007, 81, 1503-1506.	3.5	4

#	ARTICLE	IF	CITATIONS
361	Optical properties tailoring by high fluence implantation of Ag ions on sapphire. Nuclear Instruments & Methods in Physics Research B, 2006, 242, 104-108.	1.4	9
362	Characterization of Nickel Implanted Al_2O_3 . Materials Science Forum, 2006, 514-516, 348-352.	0.3	0
363	Site location and optical properties of Eu implanted sapphire. Nuclear Instruments & Methods in Physics Research B, 2005, 240, 409-414.	1.4	0
364	The aluminization of 600 k WLS fibers for the TileCal/ATLAS/LHC. IEEE Transactions on Nuclear Science, 2004, 51, 1235-1241.	2.0	3