

Michele Cascella

List of Publications by Year in descending order

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266
papers

24,476
citations

16411

64
h-index

7718

150
g-index

266
all docs

266
docs citations

266
times ranked

11731
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 1-29.	1.5	6,386
2	The ATLAS Experiment at the CERN Large Hadron Collider. Journal of Instrumentation, 2008, 3, S08003-S08003.	0.5	1,752
3	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	1.4	1,187
4	Observation of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 252303.	2.9	581
5	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	1.2	424
6	Measurement of the azimuthal anisotropy for charged particle production in lead-lead collisions with the ATLAS detector. Physical Review C, 2012, 86, .	1.1	365
7	Improved luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2013, 73, 2518.	1.4	362
8	Combined search for the Standard Model Higgs boson using up to 4.9 fb^{-1} of pp collision data at the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 49-66.	1.5	628
9	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	1.2	314
10	Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1.	1.4	259
11	Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data. European Physical Journal C, 2012, 72, 1.	1.4	248
12			

#	ARTICLE	IF	CITATIONS
19	Measurement of the differential cross-sections of inclusive, prompt and non-prompt $\mu^+\mu^-$ pairs in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	0.9	163
20	Acceleration of electrons in the plasma wakefield of a proton bunch. <i>Nature</i> , 2018, 561, 363-367.	13.7	162
21	Measurement of the inelastic proton-proton cross-section at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Nature Communications</i> , 2011, 2, 463.	5.8	160
22	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	146
23	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 710, 67-85.	2.9	136
24	Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	137
25	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 106, 131802.	2.9	136
26	Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2012, 86, .	1.6	135
27	Charged-particle multiplicities in pp interactions at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Physical Review D</i> , 2012, 86, .	1.5	126
28	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 106, 131802.	1.5	126
29	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+\tau^-$ in pp collision data at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	126
30	Readiness of the ATLAS Tile Calorimeter for LHC collisions. <i>European Physical Journal C</i> , 2010, 70, 1193-1236.	1.4	121
31	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2011, 83, .	1.6	121
32			

#	ARTICLE	IF	CITATIONS
37	Search for New Particles in Two-Jet Final States in 7ÂTeV Proton-Proton Collisions with the ATLAS Detector at the LHC. <i>Physical Review Letters</i> , 2010, 105, 161801 Measurement of the t-channel single top-quark production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2010, 105, 161801 <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xm. Ph	2.9	113
38		1.5	113
39			

#	ARTICLE	IF	CITATIONS
55	Measurement of the production cross-section of $t\bar{t}$ pairs in association with a W boson in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 108, 211802.	2.9	80
56	Search for the associated production of a W boson and a top quark in ATLAS at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 142-159.	0.7	77
57	Search for Direct Top Squark Pair Production in Final States with One Isolated Lepton, Jets, and Missing Transverse Momentum in pp Collisions Using 4.7 fb^{-1} of ATLAS Data. Physical Review Letters, 2012, 109, 211803.	1.9	75
59	Search for new physics in the dijet mass distribution using 1 fb^{-1} of pp collision data at $\sqrt{s}=7$ TeV collected by the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 37-54.	1.4	73
60	Measurement of the inclusive and dijet cross-sections of b -jets in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	73
61	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
62	Measurement of underlying event characteristics using charged particles in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2011, 83, .	1.6	70
63	Measurement of the top quark pair production cross-section with ATLAS in the single lepton channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 244-263.	1.5	69
64	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	65
65	Measurement of the $W \rightarrow \tau \nu_\tau$ and $Z \rightarrow \tau \tau$ production cross sections in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	1.6	64
66	Measurement of isolated-photon pair production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	64
67	Search for a Supersymmetric Partner to the Top Quark in Final States with Jets and Missing Transverse Momentum at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	2.9	63
68	Measurement of Z Boson Production in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 110, 022301.	2.9	63
69	Measurement of the double beta decay half-life and search for the neutrinoless double beta decay of ^{48}Ca with the NEMO-3 detector. Physical Review D, 2016, 93, .	1.6	63
70	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	1.4	61
71	Measurement of Dijet Azimuthal Decorrelations in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 106, 172002.	2.9	61
72	Search for Scalar Bottom Quark Pair Production with the ATLAS Detector in pp Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2012, 108, 181802.	2.9	61

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73	Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 251801.	2.9	61
74	Measurement of ZZ production in pp collisions at $\sqrt{s}=7$ TeV and limits on anomalous ZZZ and ZZ γ couplings with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	61
75	Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	61
76	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
77	Search for the decay $B \rightarrow \mu^+ \mu^-$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	1.5	59
78	Measurement of $W \rightarrow Z$ production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	59
79	Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	59
80	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s}=7$ TeV in 2010. European Physical Journal C, 2014, 74, 3034.	1.4	58
81	Measurement of the transverse momentum distribution of Z bosons in proton-proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2011, 71, 1.	1.5	57
82	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s}=7$ TeV measured with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	1.5	57
83	Measurement of the W boson polarization in top quark decays with the ATLAS Detector. Physical Review Letters, 2012, 109, 261803.	2.9	57
84	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
85	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
86	Study of jet shapes in inclusive jet production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2011, 83, 114005.	1.6	55
87	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector. Physical Review D, 2011, 83, 114005.	1.5	55
88	Path to AWAKE: Evolution of the concept. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 829, 3-16.	0.7	55
89	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.5	54
90	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	54

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91	Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	54
92	Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb^{-1} of $\sqrt{s} = 7$ TeV proton-proton collisions. Journal of High Energy Physics, 2012, 2012, 1.	1.6	53
93	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
94	Search for stable hadronising squarks and gluinos with the ATLAS experiment at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	1.5	52
95	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
96	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	52
97	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	1.4	51
98	Measurement of the top quark mass with the template method in the $\text{lepton}+\text{jets}$ channel using ATLAS data. European Physical Journal C, 2012, 72, 2046.	1.4	51
99	Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s}=7$ TeV using ATLAS data. European Physical Journal C, 2012, 72, 2046.	1.5	49
100	Experimental Observation of Plasma Wakefield Growth Driven by the Seeded Self-Modulation of a Proton Bunch. Physical Review Letters, 2019, 122, 054801.	2.9	49
101	Experimental Observation of Proton Bunch Modulation in a Plasma at Varying Plasma Densities. Physical Review Letters, 2019, 122, 054802.	2.9	49
102	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	48
103	Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb^{-1} of pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 1-19.	1.6	47
104	Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	46
105	Measurement of dijet production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	46
106	Search for New Phenomena in $\text{t}\bar{\text{t}}$ Events with Large 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, 2012, 707, 438-458.	2.9	46
107	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. Journal of High Energy Physics, 2013, 2013, 1.	1.6	46
108	Measurements of the electron and muon inclusive cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 438-458.	1.6	46

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109	Search for neutral MSSM Higgs bosons decaying to $\gamma\gamma$ in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	1.5	45
110	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	45
111	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.	1.6	45
112	Search for the Standard Model Higgs boson in the $\gamma\gamma$ decay mode in $\sqrt{s} = 7$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	43
113	Measurement of the top-quark pair production cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector using final states with jets, missing transverse momentum, and isolated leptons with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	42
114	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	45
115	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
116	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.	1.4	45
117	Search for the Standard Model Higgs boson in the $H \rightarrow \gamma\gamma$ decay mode in $\sqrt{s} = 7$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	1.6	43
118	Further search for supersymmetry 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.	1.4	41
119	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.	1.4	41
120	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.	1.4	41
121	Limits on the production of the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.6	41
122	Limits on the production of the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	40
123	Search for Down-Type Fourth Generation Quarks with the ATLAS Detector in Events with One Lepton and Hadronically Decaying Bosons. Physical Review Letters, 2012, 109, 032001.	2.9	40
124	A search for t resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	40
125	Measurement of the WW cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.5	40
126	Measurement of the WW cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.5	40

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127	Search for massive colored scalars in four-jet final states in $\sqrt{s}=7\text{-mbox{TeV}}$ proton-proton collisions with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	39
128	Measurement of the production cross section for W-bosons in association with jets in pp collisions at $\sqrt{s}=7\text{-mbox{TeV}}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 325-345.	1.5	39
129	Search for displaced vertices arising from decays of new heavy particles in 7 TeV pp collisions at ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 478-496.	1.5	38
130	Measurement of the W charge asymmetry in the decay mode in pp collisions at $\sqrt{s}=7\text{-mbox{TeV}}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 351-369.	2.9	37
131	Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector in pp Collisions at $\sqrt{s}=7\text{-mbox{TeV}}$. Physical Review Letters, 2012, 108, 241802.	1.6	37
132	Measurement of the transverse momentum distribution of W bosons in pp collisions at $\sqrt{s}=7\text{-mbox{TeV}}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	37
133	Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s}=7\text{-mbox{TeV}}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	0.9	37
134	AWAKE readiness for the study of the seeded self-modulation of a 400 GeV proton bunch. Plasma Physics and Controlled Fusion, 2018, 60, 014046.	1.4	36
135	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s}=7\text{-mbox{TeV}}$. European Physical Journal C, 2012, 72, 1.	1.6	36
136	Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $\sqrt{s}=7\text{-mbox{TeV}}$ with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.5	36
137	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.	1.4	36
138	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at $\sqrt{s}=7\text{-mbox{TeV}}$ with the ATLAS experiment. European Physical Journal C, 2012, 72, 1.	0.7	35
139	Measurement of pion and proton response and longitudinal shower profiles up to 20 nuclear interaction lengths with the ATLAS Tile calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 615, 158-181.	2.9	35
140	Search for the Higgs Boson in the $WW \rightarrow \ell\ell$ Decay Channel in pp Collisions at $\sqrt{s}=7\text{-mbox{TeV}}$ with the ATLAS Detector. Physical Review Letters, 2012, 108, 111802.	1.6	35
141	Search for contact interactions and large extra dimensions in dilepton events from pp collisions at $\sqrt{s}=7\text{-mbox{TeV}}$ with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.6	35
142	Measurement of the production cross section of prompt J/ψ mesons in association with a W or Z boson in pp collisions at $\sqrt{s}=7\text{-mbox{TeV}}$ with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
143	Study of energy response and resolution of the ATLAS barrel calorimeter to hadrons of energies from 20 to 350 GeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 621, 134-150.	0.7	34

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145	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.	1.6	34
146	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.	1.6	34
147	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.	1.4	34
148	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.	1.6	33
149	Search for resonances in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 108, 041804.	2.9	33
150	Measurement of the production cross section and limits on anomalous neutral triple gauge couplings in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 108, 041804.	2.9	33
151	Search for supersymmetry in events with three leptons and missing transverse momentum in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physical Review Letters, 2012, 108, 261804.	2.9	33
152	Measurement of jet shapes in top-quark pair events at $\sqrt{s} = 7$ TeV using the ATLAS detector. European Physical Journal C, 2013, 73, 2676.	1.4	33
153	Search for pair production of a heavy up-type quark decaying to a W boson and a quark in the $\sqrt{s}=7$ TeV collisions with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.5	32
154	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
155	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, 2012, 72, 1.	1.4	31
156	Search for pair production of a heavy up-type quark decaying to a W boson and a quark in the $\sqrt{s}=7$ TeV collisions with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	2.9	31
157	Search for pair production of a heavy up-type quark decaying to a W boson and a quark in the $\sqrt{s}=7$ TeV collisions with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	31
158	Measurement of the b-hadron production cross section using decays to D mesons and leptons in final states in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Nuclear Physics B, 2012, 864, 341-381.	0.9	31
159	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.	1.4	31
160	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	31
161	A comparison of BGO and BSO crystals used in the dual-readout mode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 640, 91-98.	0.7	30
162	Search for supersymmetry in pp collisions at $\sqrt{s}=7$ TeV in final states with missing transverse momentum and b-jets with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	30

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163	Properties of jets measured from tracks in proton-proton collisions at center-of-mass energy \sqrt{s} . 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.	1.6	29
164	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.	2.9	29
165	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	29
166	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.	1.5	28
167	The electromagnetic performance of the RD52 fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 130-144.	0.7	27
168	Measurement of the cross section with the ATLAS detector. Physical Review D, 2011, 84, .	1.6	26
169	Search for Pair Production of a New Quark that Decays into a Z Boson and a Bottom Quark with the ATLAS Detector. Physical Review Letters, 2012, 109, 071801.	2.9	26
170	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, .	1.6	26
171	A search for ρ 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.	1.4	25
172	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.	1.4	25
173	Measurement of the cross section in $pp \rightarrow W^+W^- + \dots$ production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 109, 071801.	2.9	24
174	Search for pair-produced heavy quarks decaying to Wq in the two-lepton channel at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 109, 071801.	1.6	24
175	Tests of a dual-readout fiber calorimeter with SiPM light sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 899, 52-64.	0.7	24
176	Commissioning of the ATLAS Muon Spectrometer with Cosmic Rays. European Physical Journal C, 2010, 70, 875-916.	1.4	23
177	Search for the Standard Model Higgs boson in the two photon decay channel with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 452-470.	1.5	23
178	Search for the Higgs Boson in the $H \rightarrow WW \rightarrow \ell\ell jj$ Decay Channel in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. Physical Review Letters, 2011, 107, 231801.	2.9	23
179	Search for pair-produced heavy quarks decaying to Wq in the two-lepton channel at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 109, 071801.	1.6	23
180	Search for pair-produced heavy quarks decaying to Wq in the two-lepton channel at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review Letters, 2012, 109, 071801.	1.6	23

#	ARTICLE	IF	CITATIONS
181	A study of the material in the ATLAS inner detector using secondary hadronic interactions. Journal of Instrumentation, 2012, 7, P01013-P01013. Search for the Standard Model Higgs boson in the decay channel $\gamma\gamma$. Journal of Instrumentation, 2012, 7, P01013-P01013.	0.5	23
182	Measurement of the $\gamma\gamma$ production cross section and limits on anomalous triple gauge couplings in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.5	22
183	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.	1.4	22
184	Particle identification in the longitudinally unsegmented RD52 calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 120-129.	0.7	22
185	Single-hit resolution measurement with MEG II drift chamber prototypes. Journal of Instrumentation, 2016, 11, P07011-P07011.	0.5	22
186	Search for high-mass resonances in the $\gamma\gamma$ channel using proton-proton collision data with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 411-430.	1.5	21
187	Search for high-mass resonances in the $\gamma\gamma$ channel using proton-proton collision data with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 411-430.	1.5	21
188	ATLAS measurements of the properties of jets for boosted particle searches. Physical Review D, 2012, 86, .	1.6	21
189	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.	1.5	21
190	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.	1.5	21
191	Measurement of τ polarization in $W\tau$ decays with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 2062.	1.4	21
192	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.	1.5	20
193	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.	1.5	20
194	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.	2.9	19
195	Search for charged Higgs bosons through the violation of lepton universality in $W\tau$ 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
196	Measurement of k_T splitting scales in $W\tau$ events at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	1.4	19
197	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	1.6	18
198	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.	1.4	18

#	ARTICLE	IF	CITATIONS
199	Measurement of W^{\pm} and Z^0 production cross sections in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 40-60.	1.6	17
200	Search for pair production of first or second generation leptoquarks in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector at the LHC. Physical Review D, 2011, 83, .	1.6	17
201	Studies of the performance of the ATLAS detector using cosmic-ray muons. European Physical Journal C, 2011, 71, 1.	1.4	17
202	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.	1.6	17
203	Search for scalar top quark pair production in natural gauge-mediated supersymmetry models with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 322-340.	1.5	17
204	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.	1.5	17
205	Measurement of the top quark charge in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	1.6	17
206	The Laser calibration of the ATLAS Tile Calorimeter during the LHC run 1. Journal of Instrumentation, 2016, 11, T10005-T10005.	0.5	17
207	Search for resonant top quark plus jet production in pp collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2012, 86, .	1.6	16
208	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	16
209	Search for new particles decaying to ZZ using final states with leptons and jets with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 322-340.	1.5	16
210	Search for a heavy Higgs boson in the channel ZZ using final states with leptons and jets with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 322-340.	1.5	16
211	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
212	Search for a Heavy Particle Decaying into an Electron and a Muon with the ATLAS Detector in pp collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2011, 106, 251801.	2.9	15
213	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.	1.6	15
214	Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2012, 72, 1.	1.4	15
215	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.	1.6	15
216	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

#	ARTICLE	IF	CITATIONS
217	Search for WHproduction 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
218	Hadron detection with a dual-readout fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 866, 76-90.	0.7	15
219	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
220	Search for excited leptons in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	14
221	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.	1.6	13
222	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.	1.4	13
223	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.	1.4	13
224	Search for lepton flavour violation in the $e\tau$ continuum with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions at the LHC. European Physical Journal C, 2012, 72, 2040.	1.4	13
225	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.	1.4	13
226	Underlying event characteristics and their dependence on jet size of charged-particle jet events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2012, 86, .	1.6	12
227	Search for Production of Resonant States in the Photon-Jet Mass Distribution Using pp Collisions at $\sqrt{s}=7$ TeV Collected by the ATLAS Detector. Physical Review Letters, 2012, 108, 211802.	2.9	12
228	Search for resonant WZ production in the $WZ \rightarrow \ell\ell$ channel in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physical Review D, 2012, 85, .	1.6	12
229	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.	1.6	12
230	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.	1.5	12
231	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.	1.5	12
232	Measurement of $W\tau^3$ and $Z\tau^3$ 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
233	Detection of electron showers in dual-readout crystal calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 686, 125-135.	0.7	11
234	Lessons from Monte Carlo simulations of the performance of a dual-readout fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 762, 100-118.	0.7	11

#	ARTICLE	IF	CITATIONS
235	Study of the response of the ATLAS central calorimeter to pions of energies from 3 to 9GeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 372-386.	0.7	10
236	Combined performance studies for electrons at the 2004 ATLAS combined test-beam. Journal of Instrumentation, 2010, 5, P11006-P11006.	0.5	10
237	Polarization as a tool for dual-readout calorimetry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 638, 47-54.	0.7	10
238	Search for the Higgs boson in the $\gamma\gamma$ decay channel in the mass range 125-160 GeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 714, 197-214.	1.5	10
239	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 197-214.	1.5	6
240	Search for a Standard Model Higgs boson in the mass range 125-160 GeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 714, 197-214.	1.5	9
241	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 197-214.	1.5	8
242	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 197-214.	1.6	6
243	Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 197-214.	1.5	6
244	Cluster Counting/Timing Techniques for Drift Chambers. Nuclear Physics, Section B, Proceedings Supplements, 2014, 248-250, 127-130.	0.5	6
245	The small-angle performance of a dual-readout fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 808, 41-53.	0.7	6
246	A magnetic spectrometer to measure electron bunches accelerated at AWAKE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 940, 103-108.	0.7	6
247	Construction and commissioning of the SuperNEMO detector tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 507-509.	0.7	5
248	CDF run IIb silicon detector: the innermost layer. IEEE Transactions on Nuclear Science, 2004, 51, 2215-2219.	1.2	4
249	The optical instrumentation of the ATLAS Tile Calorimeter. Journal of Instrumentation, 2013, 8, P01005-P01005.	0.5	4
250	Fiber and crystals dual readout calorimeters. International Journal of Modern Physics A, 2016, 31, 1644024.	0.5	4
251	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. Physical Review D, 2012, 86, .	1.6	3
252	Ultra-light gas mixtures for drift chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 409-411.	0.7	3

#	ARTICLE	IF	CITATIONS
253	Ultra-low mass drift chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 443-445.	0.7	3
254	Mechanical construction and installation of the ATLAS tile calorimeter. Journal of Instrumentation, 2013, 8, T11001-T11001.	0.5	3
255	Photon reconstruction in the ATLAS Inner Detector and Liquid Argon Barrel Calorimeter at the 2004 Combined Test Beam. Journal of Instrumentation, 2011, 6, P04001-P04001.	0.5	2
256	Comparison between Geant4, Fluka and the TileCal test-beam data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 74-77.	0.7	1
257	A full acquisition and elaboration system for Drift Chambers. , 2013, , .		1
258	Assembly techniques for ultra-low mass drift chambers. Nuclear Physics, Section B, Proceedings Supplements, 2014, 248-250, 124-126.	0.5	1
259	A layer correlation technique for pion energy calibration at the 2004 ATLAS Combined Beam Test. Journal of Instrumentation, 2011, 6, P06001-P06001.	0.5	0
260	A readout electronics for drift chambers signals processing. , 2013, , .		0
261	Detection of electron showers in Dual-Readout crystal calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 72-74.	0.7	0
262	Cluster counting/timing techniques for drift chambers. , 2013, , .		0
263	Ultra light drift chambers for precision physics. , 2013, , .		0
264	A test of dual readout with tiles for calorimetry. Journal of Instrumentation, 2014, 9, C05009-C05009.	0.5	0
265	Characterization of Gas Mixtures for Ultra-Light Drift Chambers. Nuclear Physics, Section B, Proceedings Supplements, 2014, 248-250, 131-133.	0.5	0
266	Commissioning of beam instrumentation at the CERN AWAKE facility after integration of the electron beam line. Journal of Physics: Conference Series, 2018, 1067, 072015.	0.3	0