

Joao Pina

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1897087/publications.pdf>

Version: 2024-02-01

606
papers

44,597
citations

2544

96
h-index

3650

180
g-index

614
all docs

614
docs citations

614
times ranked

15498
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.	4.1	6,386
2	The ATLAS Experiment at the CERN Large Hadron Collider. Journal of Instrumentation, 2008, 3, S08003-S08003.	1.2	1,752
3	The ATLAS Simulation Infrastructure. European Physical Journal C, 2010, 70, 823-874.	3.9	1,187
4	Combined Measurement of the Higgs Boson Mass in pp Collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 252303.	7.8	1,062
5	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
6	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	434
7	Measurement of the azimuthal anisotropy for charged particle production in lead-lead collisions with the ATLAS detector. Physical Review C, 2012, 86, 054907.	2.9	365
8	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
9	Combined search for the Standard Model Higgs boson using up to 4.9 fb^{-1} of pp collision data at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 49-66.	3.9	325
10	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	3.9	325
11	Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC. New Journal of Physics, 2011, 13, 053033.	2.9	314
12	Evidence for the spin-0 nature of the Higgs boson using ATLAS data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 120-144.	4.1	307
13	Performance of pile-up mitigation techniques for jets in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 581.	3.9	298
14	Measurements of Higgs boson production and couplings in diboson final states with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 88-119.	4.1	295
15	Performance of b -jet identification in the ATLAS experiment. Journal of Instrumentation, 2016, 11, P04008-P04008.	1.2	278
16	Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $\sqrt{s} = 7$ and 8 TeV in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.	3.9	274
17	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.	3.9	268
18	Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1.	3.9	259

#	ARTICLE	IF	CITATIONS
19	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
20	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 299.	3.9	238
21	Search for proton resonances in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2014, 90, .	4.7	237

22

#	ARTICLE	IF	CITATIONS
37	Search for the Standard Model Higgs boson in the diphoton decay channel with the ATLAS detector. Physical Review D, 2012, 86, 115012. $\sqrt{s} = 7$	7.8	171
38	Measurement with the ATLAS detector of multi-particle azimuthal correlations in proton-proton collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, 014004. $\sqrt{s} = 7$	4.1	169
39	Measurement of the differential cross-sections of inclusive, prompt and non-prompt dilepton production in proton-proton collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, 014005. $\sqrt{s} = 7$	7.8	168
40	Measurement of the differential cross-sections of inclusive, prompt and non-prompt dilepton production in proton-proton collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, 014005. $\sqrt{s} = 7$	2.5	163
41	Measurement of the differential cross-sections of inclusive, prompt and non-prompt dilepton production in proton-proton collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, 014005. $\sqrt{s} = 7$	5.8	158
42	Measurements of Higgs boson production and couplings in the four-lepton channel in proton-proton collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Physical Review D, 2015, 91, 014006. $\sqrt{s} = 7$	4.7	158
43	Measurement of the total cross section from elastic scattering in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector. Nuclear Physics B, 2014, 889, 486-548. $\sqrt{s} = 7$	2.5	155
44	Measurement of the transverse momentum and p_T distributions of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 291. $\sqrt{s} = 8$	3.9	154
45	Measurement of hard double-parton interactions in W and Z + 2-jet events at $\sqrt{s} = 7$ TeV with the ATLAS detector. New Journal of Physics, 2013, 15, 033038. $\sqrt{s} = 7$	2.9	147
46	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. $\sqrt{s} = 8$	4.7	145
47	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 with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2012, 710, 67-85. $\sqrt{s} = 7$	4.7	143
48	Measurement of the $t\bar{t}$ production cross-section using e^+e^- 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. $\sqrt{s} = 7$	3.9	143
49	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. European Physical Journal C, 2015, 75, 510. $\sqrt{s} = 7$	3.9	138
50	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. $\sqrt{s} = 7$	4.7	137
51	Search for Supersymmetry Using Final States with One Lepton, Jet, 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. $\sqrt{s} = 7$	7.8	136
52	Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector. Physical Review D, 2012, 86, 114004. $\sqrt{s} = 7$	4.7	135
53	Measurements of the Nuclear Modification Factor for Jets in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2015, 91, 014007. $\sqrt{s} = 7$	7.8	135
54	Measurement of event-plane correlations in pp collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. Physical Review C, 2014, 90, 014904. $\sqrt{s} = 2.76$	2.9	134

#	ARTICLE	IF	CITATIONS
55	Charged-particle multiplicities in pp interactions at $\sqrt{s} = 7$ TeV measured with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2010, 688, 21-42.	7.1	118
56	Measurement of the Z/γ^* 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
57	Search for Invisible Decays of a Higgs Boson Produced in Association with a Z/γ^* Boson in ATLAS. Physical Review Letters, 2014, 112, .	7.8	130
58	Search for Dark Matter in Events with a Hadronically Decaying Z/γ^* 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
59	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
60	Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\sqrt{s} = 8$ TeV proton-proton collision data. Journal of High Energy Physics, 2014, 2014, 1.	4.1	126
61	Search for charged Higgs bosons decaying via $H \rightarrow t\bar{t}$ in $\sqrt{s} = 7$ TeV 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
62	Search for pair-produced third-generation squarks decaying via charm quarks or in compressed supersymmetric scenarios in $\sqrt{s} = 8$ TeV proton-proton collisions at the ATLAS detector. Physical Review D, 2014, 90, .	4.7	126
63	Measurement of the inclusive isolated prompt photon cross section in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Physical Review D, 2014, 90, .	7.8	123
64	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $b\bar{b}$ in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 349.	3.9	123
65	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $b\bar{b}$ in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Physical Review D, 2011, 83, .	4.7	121
66			

#	ARTICLE	IF	CITATIONS
73	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s}=8, \sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 538.	3.9	115
74	Search for new phenomena in dijet mass and angular distributions from pp collisions at $\sqrt{s}=8, \sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 302-322.	4.1	113
75	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
76	Measurement of the t-channel single top-quark production cross section in pp collisions at $\sqrt{s}=8, \sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 302-322.	4.1	113
77			

#	ARTICLE	IF	CITATIONS
91	Search for heavy neutrinos and right-handed W bosons in events with two leptons and jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 2056.	3.9	101
92	Searches for Higgs boson pair production in the $h \rightarrow b\bar{b}$ final state using pp collision data at $\sqrt{s} = 7$ TeV from the ATLAS detector. Physical Review D, 2015, 92, .	4.7	101
93	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
94	Search for high-mass diphoton resonances in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	99
95	Search for Higgs Boson Pair Production in the $h \rightarrow b\bar{b}$ Final State Using pp Collision Data at $\sqrt{s} = 8$ TeV from the ATLAS Detector. Physical Review Letters, 2015, 114, 081802.	7.8	98
96	Search for a CP-odd Higgs boson decaying to Zh in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 163-183.	4.1	97
97	The ATLAS Inner Detector commissioning and calibration. European Physical Journal C, 2010, 70, 787-821.	3.9	95
98	Constraints on the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector. European Physical Journal C, 2015, 75, 335.	3.9	95
99	Search for new phenomena in events with at least three photons collected in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 210.	3.9	95
100	Search for the Standard Model Higgs boson in the decay channel $h \rightarrow b\bar{b}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 392-413.	4.1	93
101	Constraints on the rapidity dependence of inclusive jet production in pp collisions with $\sqrt{s} = 7$ TeV from pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 392-413.	4.1	93
102	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
103	Testbeam studies of production modules of the ATLAS Tile Calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 606, 362-394.	1.6	91
104	Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	91
105	Search for dark matter in events with a $h \rightarrow b\bar{b}$ final state from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	7.8	90
106	Search for Higgs boson pair production in the $h \rightarrow b\bar{b}$ final state from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	4.7	90
107	Search for Higgs boson pair production in the $h \rightarrow b\bar{b}$ final state from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 412.	3.9	90
108	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

#	ARTICLE	IF	CITATIONS
109	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
110	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
111	Measurement of the correlation between flow harmonics of different order in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physical Review C, 2015, 92, 1.	4.7	84
112	Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	84
113	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
114	Observation of an Excited B_c State with the ATLAS Detector. Physical Review Letters, 2014, 113, 212004.	4.7	82
115	Search for Dilepton Resonances in $\sqrt{s} = 7$ TeV pp Collisions at the ATLAS Detector. Physical Review Letters, 2011, 107, 072002.	7.8	81
116	ATLAS search for new phenomena in dijet mass and angular distributions using pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	81
117	Search for \tilde{A} Events from $\tilde{p}\tilde{p}$ Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 107, 072002.	7.8	80
118	Search for production of $W W / W Z$ resonances decaying to a lepton, neutrino and jets in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 209.	3.9	79
119	Measurement of $\tilde{\chi}_0^0$ production in $\sqrt{s} = 7$ TeV collisions at ATLAS. Physical Review D, 2013, 87, 1.	4.7	78
120	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-39.	4.7	78
121	Evidence 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, 142-150.	4.7	78
122	Light-quark and gluon jet discrimination in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 3023.	3.9	77
123	Search for dark matter in events with heavy quarks and missing transverse momentum in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 92.	3.9	77
124	Measurement of $\tilde{\chi}_0^0$ production in $\sqrt{s} = 7$ TeV collisions at ATLAS. Physical Review Letters, 2012, 109, 211803.	4.7	76
125	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.	4.7	75
126	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.	4.7	75

#	ARTICLE	IF	CITATIONS
127	A Particle Consistent with the Higgs Boson Observed with the ATLAS Detector at the Large Hadron Collider. <i>Science</i> , 2012, 338, 1576-1582.	12.6	74
128	Excited-State Dynamics and Self-Organization of Poly(3-hexylthiophene) (P3HT) in Solution and Thin Films. <i>Journal of Physical Chemistry B</i> , 2012, 116, 2347-2355.	2.6	74
129	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. <i>European Physical Journal C</i> , 2015, 75, 69.	3.9	74
130	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. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	73
131	Search for Higgs boson decays to a photon and a Z boson in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 732, 8-27.	4.7	71
132	Search for supersymmetry at $\sqrt{s} = 13$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 259.	3.9	72
133	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. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	71
134	Measurements of normalized differential cross sections for $q\bar{q} \rightarrow q\bar{q} \gamma \gamma$ production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	71
135	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	71
136	Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015, 91, .	4.7	71
137	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	71
138	Measurement of underlying event characteristics using charged particles in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2015, 91, .	4.7	70
139	Measurement of the high-mass Drellian $\gamma\gamma$ differential cross-section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 725, 222-242.	4.7	70
140	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2015, 75, 303.	3.9	70
141	Measurement of the top quark pair production cross-section with ATLAS in the single lepton channel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 711, 244-263.	4.1	69
142	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \bar{\nu}_\tau$, $\hat{A} \rightarrow \tau^+ \bar{\nu}_\tau$ in fully hadronic final states using pp collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	69
143	Interplay of Electrostatic and Hydrophobic Effects with Binding of Cationic Gemini Surfactants and a Conjugated Polyanion: An Experimental and Molecular Modeling Studies. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4401-4410.	2.6	68
144	Comprehensive measurements of $t\bar{t}$ -channel single top-quark production cross sections at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2014, 90, .	4.7	68

#	ARTICLE	IF	CITATIONS
145	Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3157.	3.9	68
146	Searches for heavy long-lived sleptons and R-hadrons with the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 277-308.	4.1	67
147	Measurement of charged-particle spectra in Pb+Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV with the ATLAS detector at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	67
148	Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 208.	3.9	67
149	Search for top squark pair production in final states with one isolated lepton, jets, 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	66
150	A search for $t\bar{t}$ resonances using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	66
151	Measurement of the W , Z , and Z^0 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
152	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
153	Production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	7.8	64
154	Observation and measurements of the production of prompt and non-prompt J/ψ mesons in association with a Z boson in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 229.	3.9	64
155	Search for a Supersymmetric Partner to the Top Quark in Final States with Jets and Missing Transverse Momentum at $\sqrt{s}=8$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 109, 211802.	7.8	63
156	Measurement of Z Boson Production in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 110, 022301.	7.8	63
157	Measurement of the differential cross-sections of prompt and non-prompt production of J/ψ and $\psi(2S)$ in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 283.	3.9	63
158	Synthesis and H^+ , Cu^{2+} , and Zn^{2+} Coordination Behavior of a Bis(fluorophoric) Bibrachial Lariat Aza-Crown. Inorganic Chemistry, 2004, 43, 6114-6122.	4.0	62
159	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 120.	3.9	62
160	Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 154.	3.9	62
161	Conformational Relaxation of p -Phenylenevinylene Trimers in Solution Studied by Picosecond Time-Resolved Fluorescence. ChemPhysChem, 2007, 8, 2657-2664.	2.1	61
162	Readiness of the ATLAS liquid argon calorimeter for LHC collisions. European Physical Journal C, 2010, 70, 723-753.	3.9	61

#	ARTICLE	IF	CITATIONS
163	Measurement of Dijet Azimuthal Decorrelations in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review Letters, 2011, 106, 172002.	7.8	61
164	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.	7.8	61
165	Search for a Light Higgs Boson Decaying to Long-Lived Weakly Interacting Particles in Proton-Proton Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 251801.	7.8	61
166	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
167	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
168	Search for long-lived, weakly interacting particles that decay to displaced hadronic jets in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physical Review D, 2015, 92, 032004.	4.7	61
169	Search for a Vector-Boson Fusion Mode with Decay to WZ in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2012, 108, 181802.	4.7	61
170	Performance of algorithms that reconstruct missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2017, 77, 241.	3.9	61
171	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
172	Summary of the searches for squarks and gluinos using $\sqrt{s}=8$ TeV pp collisions with the ATLAS experiment at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
173	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
174	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	3.9	60
175	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-proton collisions at $\sqrt{s}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 199.	3.9	60
176	Search for the decay $B \rightarrow W e \nu_e$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	4.1	59
177	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.	3.9	59
178	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
179	Measurement of the Azimuthal Angle Dependence of Inclusive Jet Yields in $Pb+Pb$ Collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS Detector. Physical Review Letters, 2013, 111, 152301.	7.8	59
180	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

#	ARTICLE	IF	CITATIONS
181	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
182	Search for direct top-squark pair production in final states with two leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	59
183	Search for supersymmetry with the ATLAS detector using simulated events with two leptons and missing transverse momentum in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 68-86.	4.1	58
184	Fiducial and differential cross sections of Higgs boson production/ measured in the four-lepton decay channel 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, 68-86.	4.1	58
185	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.	4.7	58
186	INDIGO-DataCloud: a Platform to Facilitate Seamless Access to E-Infrastructures. Journal of Grid Computing, 2018, 16, 381-408.	3.9	58
187	Measurement of the transverse momentum distribution of Z bosons 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, 694, 327-345.	4.1	57
188	Search for a large contact interaction in the angular distribution of pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.	4.1	57
189	Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in $\sqrt{s} = 7$ TeV pp collisions using 1 fb ⁻¹ of ATLAS data. Physical Review D, 2012, 85, .	4.7	57
190	Search for Magnetic Monopoles in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector. Physical Review D, 2013, 88, .	7.8	57
191	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
192	Measurement of Top Quark Polarization in Top-Antitop Events from Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 68-86.	7.8	57
193	Search for long-lived stopped hadrons decaying out of time with the ATLAS detector. Physical Review D, 2013, 88, .	4.7	57
194	Search for top squark pair production in association with top quarks and constraints on the Yukawa coupling between the top quark and the Higgs boson using data taken at 7 TeV and 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 68-86.	4.1	57
195	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, 68-86.	4.1	57
196	Search for the Standard Model Higgs boson decay to $\tau\tau$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 68-86.	4.1	57
197	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 318.	3.9	56

#	ARTICLE	IF	CITATIONS
199	Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 294-312.	4.7	55
200	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
201	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
202	Summary of the ATLAS experiment's sensitivity to supersymmetry after LHC Run 1 interpreted in the phenomenological MSSM. Journal of High Energy Physics, 2015, 2015, 1.	4.7	55
203	Search for supersymmetry in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 750, 257-266.	4.1	54
204	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
205	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
206	Measurements of fiducial cross-sections for $t\bar{t}\hat{A}$ production with one or two additional b -jets in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 11.	3.9	54
207	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
208	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
209	Donor-acceptor donor thienyl/bithienyl-benzothiadiazole/quinoxaline model oligomers: experimental and theoretical studies. Physical Chemistry Chemical Physics, 2013, 15, 15204.	2.8	53
210	Search for the electroweak production of supersymmetric particles in pp collisions with the ATLAS detector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	53
211	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	53
212	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
213	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
214	Search for lepton-flavor violating decay $H \rightarrow e\tau$, decays of the Higgs boson with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
215	Search for lepton-flavour-violating $H \rightarrow \tau\tau$, decays of the Higgs boson with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
216	Multifaceted Regioregular Oligo(thieno[3,4- b]thiophene)s Enabled by Tunable Quinoidization and Reduced Energy Band Gap. Journal of the American Chemical Society, 2015, 137, 10357-10366.	13.7	52

#	ARTICLE	IF	CITATIONS
217	Search for the associated production of the Higgs boson with a top quark pair in multilepton final states with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 519-541.	4.1	52
218	Measurement of the top quark mass in the $t \rightarrow \text{lepton} + \text{jets}$ and $t \rightarrow \text{dilepton} + \text{jets}$ channels using $\sqrt{s} = 7 \text{ TeV}$ ATLAS data. European Physical Journal C, 2015, 75, 330.	3.9	52
219	Measurement of the top quark mass in the $t \rightarrow \text{lepton} + \text{jets}$ channel using ATLAS data. European Physical Journal C, 2016, 76, 322.	2.5	52
220	Spectroscopy and Coordination Chemistry of a New Bisnaphthalene-Bisphenanthroline Ligand Displaying a Sensing Ability for Metal Cations. Inorganic Chemistry, 2005, 44, 7449-7458.	4.0	51
221	Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons. European Physical Journal C, 2010, 70, 755-785.	3.9	51
222	Measurement of the top quark mass with the template method in the $t \rightarrow \text{lepton} + \text{jets}$ channel using ATLAS data. European Physical Journal C, 2012, 72, 2046.	3.9	51
223	Search for vectorlike quarks in events with one isolated lepton, missing transverse momentum, and jets at $\sqrt{s} = 7 \text{ TeV}$ ATLAS data. European Physical Journal C, 2016, 76, 295.	7.8	51
224	Search for Higgs bosons decaying to two photons in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ ATLAS data. European Physical Journal C, 2016, 76, 322.	4.7	51
225	Measurement of the charged-particle multiplicity inside jets from $\sqrt{s} = 8 \text{ TeV}$ ATLAS data. European Physical Journal C, 2016, 76, 322.	3.9	51
226	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	3.9	50
227	Search for Higgs bosons decaying to two photons in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ ATLAS data. European Physical Journal C, 2016, 76, 322.	4.1	49
228	Search for Higgs bosons decaying to two photons in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ ATLAS data. European Physical Journal C, 2016, 76, 322.	7.8	49
229	Search for Higgs bosons decaying to two photons in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ ATLAS data. European Physical Journal C, 2016, 76, 322.	7.8	49
230	Search for Higgs bosons decaying to two photons in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ ATLAS data. European Physical Journal C, 2016, 76, 322.		

#	ARTICLE	IF	CITATIONS
235	Search for supersymmetry in events with four or more leptons in proton-proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 74, 3134.	4.7	48
236	Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2014, 74, 3134.	3.9	48
237	Search for pair production of a new heavy quark that decays into a charm quark and a light quark in proton-proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 74, 3134.	7.8	48
238	Search for pair production of a new heavy quark that decays into a charm quark and a light quark in proton-proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 74, 3134.	4.7	48
239	Search for pair-produced long-lived neutral particles decaying to jets in the ATLAS hadronic calorimeter in pp collisions at $s = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 15-34.	4.1	48
240	Test of CP invariance in vector-boson fusion production of the Higgs boson using the Optimal Observable method in the ditau decay channel with the ATLAS detector. European Physical Journal C, 2016, 76, 658.	3.9	48
241	Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb ⁻¹ of pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.7	47
242	Study of jets produced in association with a charm quark in proton-proton collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.7	47
243	Search for right-handed neutrinos in proton-proton collisions with leptons and b-jets with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.7	47
244	Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	47
245	Measurement of total and differential $W + W^*$ production cross sections in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector and limits on anomalous triple-gauge-boson couplings. Journal of High Energy Physics, 2016, 2016, .	4.7	47
246	A fluorescent chemosensor for Zn(II). Exciplex formation in solution and the solid state. Electronic supplementary information (ESI) available: Theoretical basis for the temperature dependence of fluorescence. See http://www.rsc.org/suppdata/DT/B4/B403743J . Dalton Transactions, 2004, , 2180.	3.3	46
247	Events with Large Missing Transverse Momentum 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, 13-31.	7.8	46
248	Measurement of the cross section for the production of a W boson in association with b-jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	4.1	45
249	Measurements of the electron and muon inclusive cross-sections 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, 13-31.	4.1	45
250	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
251	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	4.1	45
252	Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2012, 85, .	4.7	45

#	ARTICLE	IF	CITATIONS
253	Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7, \sqrt{s} = 8$ 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
254	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$ decay mode in $\sqrt{s} = 7, \sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2012, 2012, 1.	4.7	45
255	Measurement of the top-quark pair production cross section in pp collisions in dilepton final states with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 459-477.	4.1	44
256	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
257	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
258	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
259	A neural network clustering algorithm for the ATLAS silicon pixel detector. Journal of Instrumentation, 2014, 9, P09009-P09009.	1.2	45
260	Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $\sqrt{s} = 8$ TeV with ATLAS. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
261	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
262	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
263	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
264	Search for long-lived, heavy particles in final states with a muon and multi-track displaced vertex in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 749, 242-261.	4.1	44
265	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	2.9	44
266	Search for charged Higgs bosons in the $H \rightarrow \tau b$ decay channel in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.1	44
267	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	44
268	Search for the Standard Model Higgs boson in the $H \rightarrow \tau\tau$ decay mode in $\sqrt{s} = 7, \sqrt{s} = 8$ TeV pp collisions with ATLAS. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
269	Measurement of exclusive $H \rightarrow \tau\tau$ production in proton-proton collisions at $\sqrt{s} = 7, \sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 242-261.	4.1	43
270	Search for charged Higgs bosons in the $H \rightarrow \tau b$ decay channel in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	43

#	ARTICLE	IF	CITATIONS
271	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 442.	3.9	43
272	Search for magnetic monopoles and stable particles with high electric charges in $8\sqrt{s} = 8$ TeV collisions with the ATLAS detector. Physical Review D, 2016, 93, .	4.7	43
273	Search for single top-quark production via flavour-changing neutral currents at $8\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 55.	3.9	43
274	Further search for supersymmetry at $\sqrt{s} = 8$ TeV in proton-proton collisions with jets, missing transverse momentum, and isolated leptons with the ATLAS detector. Search for supersymmetry at $\sqrt{s} = 8$ TeV in proton-proton collisions with jets, missing transverse momentum, and isolated leptons with the ATLAS detector.	4.7	42
275	Search for resonant production of scalar leptoquarks in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 158-176.	4.7	42
276	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
277	Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	42
278	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
279	Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. ACS Medicinal Chemistry Letters, 2017, 8, 310-315.	2.8	42
280	Enabling rootless Linux Containers in multi-user environments: The udocker tool. Computer Physics Communications, 2018, 232, 84-97.	7.5	42
281	Search for nearly long-lived charged particles with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Search for nearly long-lived charged particles with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV.	4.1	41
282	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	41
283	Search for long-lived, multi-charged particles in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 305-323.	4.7	41
284	Search for long-lived, multi-charged particles in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 305-323.	4.7	41
285	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
286	Search for nonpointing and delayed photons in the diphoton and missing transverse momentum final state in $8\sqrt{s} = 8$ TeV collisions at the LHC using the ATLAS detector. Physical Review D, 2014, 90, .	4.7	41
287	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41
288	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	41

#	ARTICLE	IF	CITATIONS
289	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	40
290	Search for Down-Type Fourth Generation Quarks with the ATLAS Detector in Events with One Lepton and Hadronically Decaying W Bosons. Physical Review Letters, 2012, 109, 032001.	7.8	40
291	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, 017.	4.7	40
292	Measurement of the top quark pair cross section with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 022001.	4.1	40
293	Search for pair production of heavy top-like quarks decaying to a high- p_T lepton and a b quark in the lepton plus jets final state at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	4.1	40
294	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.	4.1	40
295	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 $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40
296	Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $\sqrt{s} = 7$ TeV in the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	40
298	Study of the $B_c^+ \rightarrow J/\psi D_s^+ B_c^+ \rightarrow \hat{A}^+ J/\psi D_s^+$ and $B_c^+ \rightarrow J/\psi D_s^+ B_c^+ \rightarrow \hat{A}^+ J/\psi D_s^+$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 4.	3.9	40
299	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	39
300	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
301	Measurement of angular correlations in Drell-Yan lepton pairs to probe W boson transverse momentum at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	4.7	39
302	Search for invisible decays of the Higgs boson produced in association with a hadronically decaying vector boson in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 337.	3.9	39
303	Search for flavour-changing neutral current top-quark decays to qZ in pp collision data collected with the ATLAS detector at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 12.	3.9	39
304	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 87.	3.9	39
305	Measurements of $Z \rightarrow \tau^+ \tau^-$ and $Z \rightarrow \mu^+ \mu^-$ production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	4.7	39
306	Search for invisible decays of the Higgs boson produced in association with a hadronically decaying vector boson in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 337.	3.9	39

#	ARTICLE	IF	CITATIONS
307	Aggregation-Induced Emission in Phenothiazine-TPAN Polymers. <i>Macromolecules</i> , 2018, 51, 8501-8512.	4.8	39
308	Search for FCNC single top-quark production at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 712, 351-369.	4.1	37
309	Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	38
310	Search for Gluinos in Events with Two Same-Sign Leptons, Jets, and Missing Transverse Momentum with the ATLAS Detector in $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2012, 108, 241802.	7.8	37
311	Measurement of the transverse momentum distribution of W bosons in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2012, 72, 1.	4.7	37
312	Search for second generation scalar leptons in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	37
313	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. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 728, 562-578.	4.1	37
314	Search for new phenomena in photon + jet events collected in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 728, 562-578.	4.1	37
315	ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	36
316	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. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	36
317	Search for extra dimensions using diphoton events in 7 TeV proton-proton collisions with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 710, 538-556.	4.1	36
318	Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	36
319	Measurement of dijet cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	36
320	Observation of top-quark pair production in association with a photon and measurement of the cross section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	36
321	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	36
322	Search for heavy long-lived multi-charged particles in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2015, 75, 362.	3.9	36
323	Centrality, rapidity, and transverse momentum dependence of isolated prompt photon production in lead-lead collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 054907.	2.9	36
324	Measurement of pion and proton response and longitudinal shower profiles up to 20 nuclear interaction lengths with the ATLAS Tile calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 615, 158-181.	1.6	35

#	ARTICLE	IF	CITATIONS
325	Preventing the Formation of the Long-Lived Colored Transoid-Trans Photoisomer in Photochromic Benzopyrans. <i>Organic Letters</i> , 2011, 13, 4040-4043.	4.6	35
326	Search for the Higgs Boson in the $WW^{(*)}l\bar{l}$ Decay Channel in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2012, 108, 111802.	7.8	35
327	Search for Quantum Black Hole Production in High-Invariant-Mass pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2012, 108, 111802.	4.7	35
328	Lepton \rightarrow Lepton ν Final States Using pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2012, 108, 111802.	7.8	35
329	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 $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	35
330	Measurement of the production cross section of prompt J/ψ mesons in association with a W^{\pm} boson in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	35
331	Search for top quark decays $t \rightarrow qH$ with $H \rightarrow \gamma\gamma$ using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, .	4.7	35
332	Search for $W^{\pm} \rightarrow tb$ decays in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015, 75, 165.	3.9	35
333	Search for Scalar Quark-Quark Pair Production in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2015, 114, 161801.	7.8	35
334	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. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	35
335	Spectral and Photophysical Characterization of Donor-Acceptor Arylthienyl- and Bithienyl-Benzothiazole Derivatives in Solution and Solid State. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8574-8578.	2.5	34
336	Study of energy response and resolution of the ATLAS barrel calorimeter to hadrons of energies from 20 to 350 GeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 621, 134-150.	1.6	34
337	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. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	34
338	Search for heavy vector-like quarks coupling to light quarks in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 712, 22-39.	4.7	34
339	Multi-channel search for squarks and gluinos in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2013, 73, 2362.	3.9	34
340	Search for massive supersymmetric particles decaying to many jets using the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review D</i> , 2015, 91, .	4.7	34
341	Measurement of the differential cross-section of highly boosted top quarks as a function of their transverse momentum in pp collisions using the ATLAS detector. <i>Physical Review D</i> , 2016, 93, .	4.7	34
342	Evidence for single top-quark production in the s-channel in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector using the Matrix Element Method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 756, 228-246.	4.7	34

#	ARTICLE	IF	CITATIONS
343	Synthesis and photophysical properties of dansyl-based polyamine ligands and their Zn(II) complexes. <i>Inorganica Chimica Acta</i> , 2007, 360, 1200-1208.	2.4	33
344	Cationic fluorene-thiophene diblock copolymers: Aggregation behaviour in methanol/water and its relation to thin film structures. <i>Polymer</i> , 2010, 51, 1898-1903.	3.8	33
345	Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	33
346	Search for Resonances in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2012, 108, 041804.	7.8	33
347	Production Cross Section and Limits on Anomalous Neutral Triple Gauge Couplings in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2012, 108, 041804.	7.8	33
348	Search for Supersymmetry in Events with Three Leptons and Missing Transverse Momentum in $\sqrt{s} = 7$ TeV pp Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2012, 108, 261804.	7.8	33
349	Measurement of jet shapes in top-quark pair events at $\sqrt{s} = 7$ TeV using the ATLAS detector. <i>European Physical Journal C</i> , 2013, 73, 2676.	3.9	33
350	Dynamics of isolated-photon plus jet production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Nuclear Physics B</i> , 2013, 875, 483-535.	2.5	33
351	Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	33
352	Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	33
353	PEG-containing ruthenium phthalocyanines as photosensitizers for photodynamic therapy: synthesis, characterization and in vitro evaluation. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5862-5869.	5.8	33
354	Search for high mass dilepton resonances in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 740, 118-136.	4.1	32
355	Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	32
356	Measurement of c_1 and c_2 production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	32
357	Search for s-channel single top-quark production in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 740, 118-136.	4.7	32
358	Optical and Photovoltaic Properties of Thieno[3,2-b]thiophene-Based Push-Pull Organic Dyes with Different Anchoring Groups for Dye-Sensitized Solar Cells. <i>ACS Omega</i> , 2017, 2, 9268-9279.	3.5	32
359	The influence of the relative position of the thiophene and pyrrole rings in donor-acceptor thienylpyrrolyl-benzothiazole derivatives. A photophysical and theoretical investigation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1212-1220.	2.8	31
360	Search for Pair Production of a Heavy Up-Type Quark Decaying to a W Boson and a Bottom Quark in the $\sqrt{s} = 7$ TeV pp Collisions with the ATLAS Detector. <i>Physical Review Letters</i> , 2012, 108, 041804.	7.8	31

#	ARTICLE	IF	CITATIONS
361	Measurement of the production cross section for $Z \rightarrow \tau^+ \tau^-$ association with jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	31
362	Measurement of the b-hadron production cross section using decays to D^0 final states in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Nuclear Physics B</i> , 2012, 864, 341-381.	2.5	31
363	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. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	31
364	Measurement of the differential cross-section of B + meson production in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	31
365	Measurements of spin correlation in top-antitop quark events from proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2014, 90, .	4.7	31
366	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 565.	3.9	31
367	Constraints on non-Standard Model Higgs boson interactions in an effective Lagrangian using differential cross sections measured in the $H \rightarrow \tau^+ \tau^-$ decay channel at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 753, 69-85.	4.1	31
368	Measurement of the $Z \rightarrow \tau^+ \tau^-$ Production Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	7.8	31
369	A search for prompt lepton-jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	31
370	A comprehensive investigation of the electronic spectral and photophysical properties of conjugated naphthalene-thiophene oligomers. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 8706.	2.8	30
371	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. <i>Physical Review D</i> , 2012, 85, .	4.7	30
372	Evidence of $Z \rightarrow \tau^+ \tau^-$ Production in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	7.8	30
373	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2015, 75, 79.	3.9	30
374	Measurement of the $t \bar{t}$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	30
375	Charged-particle distributions in pp interactions at $\sqrt{s} = 8$ TeV measured with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 403.	3.9	30
376	Properties of jets measured from tracks in proton-proton collisions at center-of-mass energy $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2011, 84, .	4.7	29
377	Search for a Standard Model Higgs Boson in the $H \rightarrow ZZ \rightarrow 4\ell$ Decay Channel with the ATLAS Detector. <i>Physical Review Letters</i> , 2011, 107, 221802.	7.8	29
378	Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	29

#	ARTICLE	IF	CITATIONS
379	Polycarbazoles and polytriphenylamines showing aggregation-induced emission (AIE) and intramolecular charge transfer (ICT) behavior for the optical detection of nitroaromatic compounds. <i>Polymer</i> , 2015, 76, 173-181.	3.8	29
380	Dijet production in \sqrt{s} pp collisions with large rapidity gaps at the ATLAS experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 754, 214-234.	4.1	29
381	Search for massive long-lived highly ionising particles with the ATLAS detector. <i>Physical Review D</i> , 2016, 93.	4.7	29
382	Search for massive long-lived highly ionising particles with the ATLAS detector at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 698, 353-370.	4.1	28
383	Brazilwood Reds: The (Photo)Chemistry of Brazilin and Brazilein. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10650-10660.	2.5	28
384	A search for prompt lepton-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 299-317.	4.1	28
385	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	28
386	Combination of searches for WW, WZ, and ZZ resonances in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 755, 285-305.	4.1	28
387	Synthesis and Characterization of the Ground and Excited States of Tripodal-like Oligothiophenyl-imidazoles. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4964-4972.	2.6	27
388	Measurement of the cross-section for b-jets produced in association with a Z boson at $\sqrt{s} = 7$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 706, 200-203.	4.1	27
389	Measurement of differential cross sections and forward-backward ratios in $\sqrt{s} = 7$ TeV Pb-Pb collisions with the ATLAS detector. <i>Physical Review Letters</i> , 2015, 114, 221802.	7.8	27
390	Search for New Phenomena in Dijet Angular Distributions in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector. <i>Physical Review Letters</i> , 2015, 114, 221802.	7.8	27
391	Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS experiment. <i>European Physical Journal C</i> , 2015, 75, 407.	3.9	27
392	Measurement of the WW + WZ cross section and limits on anomalous triple gauge couplings using final states with one lepton, missing transverse momentum, and two jets with the ATLAS detector at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	27
393	Highly Efficient Singlet Oxygen Generators Based on Ruthenium Phthalocyanines: Synthesis, Characterization and in vitro Evaluation for Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2020, 26, 1789-1799.	3.3	27
394	Measurement of the $Z \rightarrow \tau\tau$ cross section with the ATLAS detector. <i>Physical Review D</i> , 2011, 84, .	4.1	27
395	Search for Pair Production of a New Quark that Decays into a Z Boson and a Bottom Quark with the ATLAS Detector. <i>Physical Review Letters</i> , 2012, 109, 071801.	7.8	26

#	ARTICLE	IF	CITATIONS
397	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
398	Measurement of the parity-violating asymmetry parameter A_{FB}^{μ} and the helicity amplitudes for the decay $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ in proton-proton collisions using kinematic information in the $B \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ decay. Physical Review D, 2015, 91, .	4.7	26
399	Search for new light gauge bosons in Higgs boson decays to four-lepton final states in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector at the LHC. Physical Review D, 2015, 92, .	4.7	26
400	Search for new light gauge bosons in Higgs boson decays to four-lepton final states in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector at the LHC. Physical Review D, 2015, 92, .	4.7	26
401	A search for Z 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
402	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
403	Search for the Standard Model Higgs boson produced in association with a vector boson and decaying to a b-quark pair with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 369-390.	4.1	25
404	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
405	Operation and performance of the ATLAS semiconductor tracker. Journal of Instrumentation, 2014, 9, P08009-P08009.	1.2	25
406	Determination of the top-quark pole mass using $t \bar{t} + 1$ -jet events collected with the ATLAS experiment in 7 TeV pp collisions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	25
407	A New ZnII Tweezer Pyridine-Naphthalene System - An Off-On-Off System Working in a Biological pH Window. European Journal of Inorganic Chemistry, 2005, 2005, 4301-4308.	2.0	24
408	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.	7.8	24
409	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, 841-859.	4.7	24
410	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.	4.1	24
411	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.	4.7	24
412	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
413	Unusual photophysical properties of conjugated, alternating indigo-fluorene copolymers. Journal of Materials Chemistry A, 2015, 3, 6373-6382.	4.7	24
414	Unusual photophysical properties of conjugated, alternating indigo-fluorene copolymers. Journal of Materials Chemistry A, 2015, 3, 6373-6382.	10.3	24

#	ARTICLE	IF	CITATIONS
415	Commissioning of the ATLAS Muon Spectrometer with Cosmic Rays. European Physical Journal C, 2010, 70, 875-916.	3.9	23
416	Understanding Optoelectronic Properties of Cyano-Terminated Oligothiophenes in the Context of Intramolecular Charge Transfer. Journal of Physical Chemistry B, 2011, 115, 10573-10585.	2.6	23
417	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	23
418	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
419	Search for pair-produced heavy quarks decaying to W and Z bosons in jets from production in jets from collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 115, 262001.	4.7	23
420	Search for pair-produced heavy quarks decaying to W and Z bosons in the two-lepton channel at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2011, 2011, 115, 262001.	4.7	23
421	A study of the material in the ATLAS inner detector using secondary hadronic interactions. Journal of Instrumentation, 2012, 7, P01013-P01013.	1.2	23
422	Time-dependent angular analysis of the decay $B_s^0 \rightarrow J/\psi \phi$ and extraction of ϕ_s and the CP-violating weak phase β_s by ATLAS. Journal of High Energy Physics, 2012, 2012, 115, 262001.	4.7	23
423	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
424	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
425	Measurement of the underlying event in jet events from $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 1.	3.9	23
426	Determination of the Ratio of b -Quark Fragmentation Fractions R_{b1} and R_{b2} in pp Collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector. Physical Review Letters, 2015, 115, 262001.	7.8	23
427	A search for high-mass resonances decaying to $J/\psi, \Upsilon, \eta, \omega$ in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 115, 262001.	4.7	23
428	Measurement of transverse energy E_T energy correlations in multi-jet events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector and determination of the strong coupling constant α_s using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 75, 228.	4.1	23
429	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
430	Photoinduced Energy and Electron-Transfer Reactions by Polypyridine Ruthenium(II) Complexes Containing a Derivatized Perylene Diimide. Journal of Physical Chemistry C, 2016, 120, 22831-22843.	3.1	23
431	Search for the Standard Model Higgs boson in the decay channel $H \rightarrow \tau\tau$ in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 452-470.	4.1	22
432	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

#	ARTICLE	IF	CITATIONS
433	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, 719, 860-878.	4.1	21
434	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
435	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
436	Measurement of the $t\bar{t}W$ and $t\bar{t}Z$ production cross sections in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	22
437	Study of $(W/Z)H$ production and Higgs boson couplings using $H \rightarrow WW$ decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	22
438	Room-Temperature Phosphorescence and Efficient Singlet Oxygen Production by Cyclometalated Pt(II) Complexes with Aromatic Alkynyl Ligands. Inorganic Chemistry, 2020, 59, 8220-8230.	4.0	22
439	Electron Transfer in Supercritical Carbon Dioxide: Ultraexothermic Charge Recombination at the End of the Inverted Region. Chemistry - A European Journal, 2006, 12, 5014-5023.	3.3	21
440	$\hat{\Gamma}$ -Phase Formation of Poly(9,9-dioctylfluorene) Induced by Liposome Phospholipid Bilayers. Journal of Physical Chemistry B, 2011, 115, 5794-5800.	2.6	21
441	Measurement of the $\tilde{t}\tilde{t}^*$ production cross section and limits on anomalous triple gauge couplings in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 242-260.	4.1	21
442	ATLAS measurements of the properties of jets for boosted particle searches. Physical Review D, 2012, 86, 074017.	4.7	21
443	Search for diphoton events with large missing transverse momentum in 7 TeV proton-proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 242-260.	4.1	21
444	Measurement of the W^+W^-Z production cross section and limits on anomalous triple gauge couplings in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 242-260.	4.1	21
445	Measurement of the W^+W^-Z production cross section and limits on anomalous triple gauge couplings in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2012, 72, 2062.	3.9	21
446	A search for high-mass resonances decaying to W^+W^-Z in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 242-260.	4.1	21
447	Determination of spin and parity of the Higgs boson in the $WW \rightarrow e\mu u$ decay channel with the ATLAS detector. European Physical Journal C, 2015, 75, 231.	3.9	21
448	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	3.9	21
449	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum with ATLAS using proton-proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 334-355.	4.1	21
450	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

#	ARTICLE	IF	CITATIONS
451	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, 2012, 717, 49-69.	4.1	20
452	Search for a Heavy Neutral Particle Decaying to WZ in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 199-217.	7.8	20
453	Search for new phenomena in events with three or more charged leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	20
454	Search for the $W\gamma$ and other hidden-beauty states in the $W\gamma$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 199-217.	4.1	20
455	Insights into the Photophysics and Supramolecular Organization of Congo Red in Solution and the Solid State. ChemPhysChem, 2017, 18, 564-575.	2.1	20
456	Advances on photodynamic therapy of melanoma through novel ring-fused 5,15-diphenylchlorins. European Journal of Medicinal Chemistry, 2018, 146, 395-408.	5.5	20
457	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
458	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
459	Measurement of K^0_S T splitting scales in $W\gamma$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2013, 73, 2432.	3.9	19
460	Search for photonic signatures of gauge-mediated supersymmetry in 8 TeV pp collisions with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	19
461	Search for flavour-changing neutral current top quark decays $t \rightarrow q\gamma$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-65.	4.7	19
462	Search for the production of single vector-like and excited quarks in the Wt final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
463	Probing lepton flavour violation via neutrinoless $\mu\mu \rightarrow 3\mu$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 232.	3.9	19
464	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
465	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	18
466	Measurement of WZ and ZZ production cross sections in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous triple gauge couplings with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 49-69.	4.7	18
467	Search for resonant diboson production in the WW and WZ decay channels with the ATLAS detector at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.7	18
468	Measurement of colour flow with the jet pull angle in $t\bar{t}$ events using the ATLAS detector at $\sqrt{s} = 7$ TeV. Physical Review D, 2013, 87, .	4.1	18

#	ARTICLE	IF	CITATIONS
469	Measurement of the transverse polarization of τ leptons in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2011, 83, .	4.7	18
470	Search for pair production of first or second generation leptoquarks in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2011, 83, .	4.7	17
471	Studies of the performance of the ATLAS detector using cosmic-ray muons. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	17
472	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	17
473	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 with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.1	17
474	Search for strong gravity signatures in same-sign dimuon final states using the ATLAS detector at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 709, 322-340.	4.1	17
475	Measurement of the top quark charge in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	17
476	Modelling $Z \rightarrow \tau^+ \tau^-$ processes in ATLAS with τ -embedded $Z \rightarrow \tau^+ \tau^-$ data. <i>Journal of Instrumentation</i> , 2015, 10, P09018-P09018.	1.2	17
477	Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	17
478	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2015, 75, 158.	3.9	17
479	The Laser calibration of the ATLAS Tile Calorimeter during the LHC run 1. <i>Journal of Instrumentation</i> , 2016, 11, T10005-T10005.	1.2	17
480	Identification of high transverse momentum top quarks in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	17
481	Deactivation Routes in Gold(I) Polypyridyl Complexes: Internal Conversion Vs Fast Intersystem Crossing. <i>Inorganic Chemistry</i> , 2018, 57, 13423-13430.	4.0	17
482	Synthesis, Characterization and <i>In Vitro</i> Evaluation of Carbohydrate-Containing Ruthenium Phthalocyanines as Third Generation Photosensitizers for Photodynamic Therapy. <i>ChemPhotoChem</i> , 2018, 2, 640-654.	3.0	17
483	Tacrine $\hat{=}$ Benzothiazoles: Novel class of potential multitarget anti-Alzheimer's drugs dealing with cholinergic, amyloid and mitochondrial systems. <i>Bioorganic Chemistry</i> , 2021, 107, 104596.	4.1	17
484	Effects of the Interaction Between $\hat{2}$ -Carboline-3-carboxylic acid N-Methylamide and Polynucleotides on Singlet Oxygen Quantum Yield and DNA Oxidative Damage. <i>Photochemistry and Photobiology</i> , 2007, 83, 1455-1464.	2.5	16
485	Search for resonant top quark plus jet production in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2012, 86, .	4.7	16
486	Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	16

#	ARTICLE	IF	CITATIONS
487	Search for new particles decaying to ZZ using final states with leptons and jets with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 753, 552-572.	4.1	16
488	Search for a heavy Standard Model Higgs boson in the channel $ZZ\gamma\gamma$ using final states with leptons and jets with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 753, 552-572.	4.1	16
489	Search for a heavy Standard Model Higgs boson in the channel $ZZ\gamma\gamma$ using final states with leptons and jets with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 753, 552-572.	4.7	16
490	Monitoring and data quality assessment of the ATLAS liquid argon calorimeter. Journal of Instrumentation, 2014, 9, P07024-P07024.	1.2	16
491	Simultaneous measurements of the top quark and Higgs boson production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 750, 249-268.	4.7	16
492	Search for a heavy Standard Model Higgs boson in the channel $ZZ\gamma\gamma$ using final states with leptons and jets with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 753, 552-572.	4.7	16
493	Search for dark matter produced in association with a Higgs boson decaying to two bottom quarks in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2016, 93, .	4.7	16
494	Search for a heavy Standard Model Higgs boson in the channel $ZZ\gamma\gamma$ using final states with leptons and jets with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 753, 552-572.	4.1	16
495	Search for a heavy Standard Model Higgs boson in the channel $ZZ\gamma\gamma$ using final states with leptons and jets with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 753, 552-572.	4.1	16
496	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	15
497	Search for a heavy Standard Model Higgs boson in the channel $ZZ\gamma\gamma$ using final states with leptons and jets with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 753, 552-572.	7.8	15
498	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
499	Synthesis of a Photochromic Fused 2 <i>H</i> -Chromene Capable of Generating a Single Coloured Species. European Journal of Organic Chemistry, 2012, 2012, 1768-1773.	2.4	15
500	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
501	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
502	Experimental Techniques for Excited State Characterisation. , 2013, , 533-585.		15
503	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
504	Search for W 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

#	ARTICLE	IF	CITATIONS
505	Search for a multi-Higgs-boson cascade in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle$ with the ATLAS detector in <i>Physical Review D</i> , 2014, 89, .	4.7	15
506	Standalone vertex finding in the ATLAS muon spectrometer. <i>Journal of Instrumentation</i> , 2014, 9, P02001-P02001.	1.2	15
507	Measurement of event-shape observables in $\sqrt{s} = 7 \text{ TeV}$ $pp \rightarrow \ell^+ \ell^- Z \rightarrow \ell^+ \ell^- + \gamma, \gamma\gamma$ events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2016, 76, 375.	3.9	15
508	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ with the ATLAS detector at $s = 8 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	15
509	Search for strong gravity in multijet final states produced in pp collisions at $s = 13 \text{ TeV}$ using the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	15
510	Search for a heavy neutral particle decaying into an electron and a muon using 1 fb ⁻¹ of ATLAS data. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	14
511	Search for excited leptons in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2012, 85, 072001.	4.7	14
512	Search for TeV-scale gravity signatures in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 7 \text{ TeV}$. <i>Physical Review D</i> , 2013, 87, 034001.	4.1	14
513	Search for microscopic black holes in a like-sign dimuon final state using large track multiplicity with the ATLAS detector. <i>Physical Review D</i> , 2013, 88, .	4.1	14
514	Search for microscopic black holes in a like-sign dimuon final state using large track multiplicity with the ATLAS detector. <i>Physical Review D</i> , 2013, 88, .	4.7	14
515	Search for new phenomena in events with three charged leptons at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2013, 87, .	4.7	14
516	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in $s = 8 \text{ TeV}$ proton-proton collisions. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	14
517	Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	14
518	Photochromic and photophysical properties of new benzo- and naphtho[1,3]oxazine switches. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1346-1354.	2.9	13
519	Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s} = 7 \text{ TeV}$ pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	13
520	Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	13
521	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. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	13
522	Search for lepton flavour violation in the $e \mu$ continuum with the ATLAS detector in $\sqrt{s} = 7 \text{ TeV}$ pp collisions at the LHC. <i>European Physical Journal C</i> , 2012, 72, 2040.	3.9	13

#	ARTICLE	IF	CITATIONS
523	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7 \text{ TeV}$ pp collisions measured with the ATLAS detector. <i>European Physical Journal C</i> , 2014, 74, 2895.	3.9	13
524	A novel biopolymeric photoinitiator based on chitosan and thioxanthone derivative: Synthesis, characterization and efficiency in photopolymerization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 327, 15-20.	3.9	13
525	Cost-efficient method for unsymmetrical meso-aryl porphyrins and iron oxide-porphyrin hybrids prepared thereof. <i>Dalton Transactions</i> , 2016, 45, 16211-16220.	3.3	13
526	Measurement of the CP-violating phase $\arg(\Gamma_1)$ and the B_s^0 meson decay width difference with $B_s^0 \rightarrow \ell^+ \ell^- \gamma$ decays in ATLAS. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	13
527	Search for new phenomena with photon+jet events in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	13
528	Search for anomalous couplings in the Wtb vertex from the measurement of double differential angular decay rates of single top quarks produced in the t -channel with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1-46.	4.7	13
529	Designing highly fluorescent, arylated poly(phenylene vinylene)s of intrinsic microporosity. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2248-2257.	5.5	13
530	Restricted Aggregate Formation on Tetraphenylethene-Substituted Polythiophenes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13956-13965.	3.1	13
531	Synthesis, spectroscopy, photophysics and thermal behaviour of stilbene-based triarylamines with dehydroabiatic acid methyl ester moieties. <i>New Journal of Chemistry</i> , 2009, 33, 877.	2.8	12
532	Underlying event characteristics and their dependence on jet size of charged-particle jet events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector. <i>Physical Review D</i> , 2012, 86, .	4.7	12
533	Search for Production of Resonant States in the Photon-Jet Mass Distribution Using pp Collisions at $\sqrt{s} = 7 \text{ TeV}$ Collected by the ATLAS Detector. <i>Physical Review Letters</i> , 2012, 108, 211802.	7.8	12
534	Search for resonant WZ production in the $WZ \rightarrow \ell^+ \ell^- \gamma \gamma$ channel in $(s) = 7 \text{ TeV}$ pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2012, 85, .	4.7	12
535	Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	12
536	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. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 714, 180-196.	4.1	12
537	<p><small>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:struct-bib="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-bib/dtd"</small></p> Search for resonant WZ production in the $WZ \rightarrow \ell^+ \ell^- \gamma \gamma$ channel in $(s) = 7 \text{ TeV}$ pp collisions with the ATLAS detector. <i>Physical Review D</i> , 2012, 85, .	4.1	12
538	Measurement of charged-particle event shape variables in inclusive $(s) = 7 \text{ TeV}$ proton-proton interactions with the ATLAS detector. <i>Physical Review D</i> , 2013, 88, .	4.7	12
539	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb^{-1} of $\sqrt{s} = 8 \text{ TeV}$ proton-proton collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	12
540	Study of heavy-flavor quarks produced in association with top-quark pairs at $\sqrt{s} = 7 \text{ TeV}$ using the ATLAS detector. <i>Physical Review D</i> , 2014, 89, .	4.7	12

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------

541	ment of the branching ratio $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="s11.gif" overflow="scroll" \rangle \langle \text{mml:mi mathvariant="normal" \rangle 1 \langle \text{mml:mi} \rangle \langle \text{mml:mo}$		
-----	--	--	--

541

#	ARTICLE	IF	CITATIONS
559	Search for direct top squark pair production in final states with two tau leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 81.	3.9	10
560	Measurement of the dependence of transverse energy production at large pseudorapidity on the hard-scattering kinematics of proton-proton collisions at $\sqrt{s} = 2.76$ TeV with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 756, 10-28.	4.1	10
561	Characterization of 4-methylesculetin and of its mono- and di-methoxylated derivatives in water and organic solvents in its ground, singlet and triplet excited states. Journal of Molecular Liquids, 2019, Search for a Standard Model Higgs boson in the mass range $130 < m_H < 160$ GeV. Physics Letters B, 2016, 350, 1-10.	4.9	10
562	Search for a Standard Model Higgs boson in the mass range $130 < m_H < 160$ GeV. Physics Letters B, 2016, 350, 1-10.	4.1	9
563	Excited State Characterization and Energy Transfer in Hyperbranched Polytruxenes and Polytruxene-Polythiophene Multiblock Copolymers. Journal of Physical Chemistry C, 2013, 117, 3718-3728.	3.1	9
564	New insight into the photophysics and reactivity of trigonal and tetrahedral arylboron compounds. Photochemical and Photobiological Sciences, 2016, 15, 1124-1137.	2.9	9
565	A new method to distinguish hadronically decaying boosted Z bosons from W bosons using the ATLAS detector. European Physical Journal C, 2016, 76, 238.	3.9	9
566	Cyclopentadithiophene derivatives: a step towards an understanding of thiophene copolymer excited state deactivation pathways. Materials Chemistry Frontiers, 2018, 2, 149-156.	5.9	9
567	umd-verification: Automation of Software Validation for the EGI Federated e-Infrastructure. Journal of Grid Computing, 2018, 16, 683-696.	3.9	9
568	Synthesis and characterization of aryl-substituted BODIPY dyes displaying distinct solvatochromic singlet oxygen photosensitization efficiencies. Dyes and Pigments, 2021, 196, 109784.	3.7	9
569	Measurement of the mass difference between top and anti-top quarks in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters B, 2016, 350, 1-10.	4.1	8
570	Search for contact interactions in dimuon events from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters B, 2016, 350, 1-10.	4.1	8
571	The ATLAS hadronic tile calorimeter: from construction toward physics. IEEE Transactions on Nuclear Science, 2006, 53, 1275-1281.	2.0	7
572	Measurements of the top quark branching ratios into channels with leptons and quarks with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	7
573	Running high resolution coastal models in forecast systems: Moving from workstations and HPC cluster to cloud resources. Advances in Engineering Software, 2018, 117, 70-79.	3.8	7
574	Alternating donor-acceptor indigo-cyclopentadithiophene copolymers: competition between excited state conformational relaxation, energy transfer and excited state proton transfer. Materials Chemistry Frontiers, 2018, 2, 281-290.	5.9	7
575	Tryptanthrin from indigo: Synthesis, excited state deactivation routes and efficient singlet oxygen sensitization. Dyes and Pigments, 2020, 175, 108125.	3.7	7
576	Search for contact interactions in dimuon events from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2011, 84, .	4.7	6

#	ARTICLE	IF	CITATIONS
577	Search for supersymmetry with jets, missing transverse momentum and at least one hadronically decaying \tilde{l} , lepton in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 261-279.	4.1	6
578	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, 719, 261-279.	4.1	6
579	The effect of polyaromatic hydrocarbons on the spectral and photophysical properties of diaryl-pyrrole derivatives: an experimental and theoretical study. Physical Chemistry Chemical Physics, 2014, 16, 18319.	2.8	6
580	Validation of Grid Middleware for the European Grid Infrastructure. Journal of Grid Computing, 2014, 12, 543-558.	3.9	6
581	A measurement of the photonuclear interactions of 180 GeV muons in iron. European Physical Journal C, 2003, 28, 297-304.	3.9	5
582	Search for the standard model Higgs boson produced in association with a vector boson and decaying into a tau pair in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2016, 93, .	4.7	5
583	Monoterpene-based metallophthalocyanines: Sustainable synthetic approaches and photophysical studies. Journal of Porphyrins and Phthalocyanines, 2020, 24, 947-958.	0.8	5
584	Phenomenological Understanding of Hematite Photoanode Performance. Journal of Physical Chemistry C, 2021, 125, 8274-8284.	3.1	5
585	Novel fluorinated ring-fused chlorins as promising PDT agents against melanoma and esophagus cancer. RSC Medicinal Chemistry, 2021, 12, 615-627.	3.9	5
586	The optical instrumentation of the ATLAS Tile Calorimeter. Journal of Instrumentation, 2013, 8, P01005-P01005.	1.2	4
587	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	4
588	Measurements of the charge asymmetry in top-quark pair production in the dilepton final state at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2016, 94, .	4.7	4
589	Photochromic cycle of two N-salicylidene-p-X-anilines revealed by the dynamics over 10 orders of magnitude. Journal of Molecular Liquids, 2019, 283, 617-629.	4.9	4
590	Highly Efficient Singlet Oxygen Generators Based on Ruthenium Phthalocyanines: Synthesis, Characterization and in vitro Evaluation for Photodynamic Therapy. Chemistry - A European Journal, 2020, 26, 1697-1697.	3.3	4
591	Triplet states on π -conjugated polymers, oligomers and related materials. Photochemistry, 2015, , 83-102.	0.2	4
592	Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector. Physical Review D, 2012, 86, .	4.7	3
593	Mechanical construction and installation of the ATLAS tile calorimeter. Journal of Instrumentation, 2013, 8, T11001-T11001.	1.2	3
594	Polymeric near infrared emitters with bay-annulated indigo moieties. Materials Advances, 2021, 2, 3736-3743.	5.4	3

#	ARTICLE	IF	CITATIONS
595	Transport and photophysical studies on porphyrin-containing sulfonated poly(etheretherketone) composite membranes. <i>Materials Today Communications</i> , 2021, 29, 102781.	1.9	3
596	Ring-Fused meso-Tetraarylchlorins as Auspicious PDT Sensitizers: Synthesis, Structural Characterization, Photophysics, and Biological Evaluation. <i>Frontiers in Chemistry</i> , 2022, 10, 873245.	3.6	3
597	Ageing studies of wavelength shifter fibers for the TILECAL/ATLAS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 580, 318-321.	1.6	2
598	Photon reconstruction in the ATLAS Inner Detector and Liquid Argon Barrel Calorimeter at the 2004 Combined Test Beam. <i>Journal of Instrumentation</i> , 2011, 6, P04001-P04001.	1.2	2
599	A search for an excited muon decaying to a muon and two jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. <i>New Journal of Physics</i> , 2016, 18, 073021.	2.9	2
600	A ruthenium phthalocyanine functionalized with a folic acid unit as a photosensitizer for photodynamic therapy: Synthesis, characterization and in vitro evaluation. <i>Journal of Porphyrins and Phthalocyanines</i> , 0, , .	0.8	2
601	Dynamics and photophysics of oligomers and polymers. <i>Photochemistry</i> , 0, , 67-109.	0.2	2
602	$\langle I \rangle^2 / I$ -Phase Formation in Poly(9,9-dioctylfluorene) Promoted by Natural Lecithin Liposomes. <i>Journal of Colloid Science and Biotechnology</i> , 2013, 2, 243-248.	0.2	2
603	Excited state dynamics in π -conjugated polymers. , 0, , 30-64.		1
604	The ATLAS Collaboration. <i>Nuclear Physics A</i> , 2009, 830, 925c-940c.	1.5	1
605	A layer correlation technique for pion energy calibration at the 2004 ATLAS Combined Beam Test. <i>Journal of Instrumentation</i> , 2011, 6, P06001-P06001.	1.2	0
606	Amino-based Anthocyanin Dyes: Exploring the Relation Between Structural Rigidification and Back-Electron Transfer. , 0, , .		0