

Adam Bailey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3976368/publications.pdf>

Version: 2024-02-01

321
papers

12,004
citations

38742

50
h-index

40979

93
g-index

335
all docs

335
docs citations

335
times ranked

9763
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and production of the high voltage electrode grids and electron extraction region for the LZ dual-phase xenon time projection chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1031, 165955. Search for new phenomena in three- or four-lepton events in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136832.	1.6	4
2	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	4.1	7
3	Emulating the impact of additional proton-proton interactions in the ATLAS simulation by presampling sets of inelastic Monte Carlo events. Computing and Software for Big Science, 2022, 6, 1.	2.9	5
4	Performance of the ATLAS Level-1 topological trigger in Run 2. European Physical Journal C, 2022, 82, 1.	3.9	6
5	Measurement of the c-jet mistagging efficiency in $\sqrt{s} = 13$ TeV events using pp collision data at $\sqrt{s} = 13$ TeV collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	14
6	Operation and performance of the ATLAS semiconductor tracker in LHC Run 2. Journal of Instrumentation, 2022, 17, P01013.	1.2	1
7	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
8	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	3.9	8
9	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb^{-1} of pp collision data at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
10	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	2.9	23
11	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W \rightarrow \mu \nu$ events in Run 2 data. European Physical Journal C, 2022, 82, 1.	3.9	4
12	The ATLAS inner detector trigger performance in pp collisions at $\sqrt{s} = 13$ TeV during LHC Run 2. European Physical Journal C, 2022, 82, 1.	3.9	5
13	Search for associated production of a Z boson with an invisibly decaying Higgs boson or dark matter candidates at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137077.	4.1	8
14	Measurement of the nuclear modification factor for muons from charm and bottom hadrons in Pb+Pb collisions at 5.02 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137077.	4.1	9
15	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	7
16	A search for an unexpected asymmetry in the production of e^+e^- and e^+e^- pairs in proton-proton collisions recorded by the ATLAS detector at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137106.	4.1	1
17	Measurement of the energy asymmetry in $t\bar{t}$ production at $\sqrt{s} = 13$ TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .	3.9	2
18	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and 13 TeV. European Physical Journal C, 2022, 82, 1.	3.9	12

#	ARTICLE	IF	CITATIONS
19	Measurements of azimuthal anisotropies of jet production in $\sqrt{s} = 13$ TeV Pb-Pb collisions at the ATLAS detector. Physical Review C, 2022, 105, .	2.9	6
20	Search for long-lived charginos based on a disappearing-track signature using 136 fb ⁻¹ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	13
21	Two-particle Bose-Einstein correlations in $\sqrt{s} = 13$ TeV pp collisions at the ATLAS detector at the LHC. European Physical Journal C, 2022, 82, .	3.9	3
22	Measurement of hadronic event shapes in high-pT multijet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
23	A search for the dimuon decay of the Standard Model Higgs boson with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 135980.	4.1	61
24	Measurement of the jet mass in high transverse momentum $Z(\tau^+\tau^-)$ production at $\sqrt{s} = 13$ TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 135991.	4.1	1
25	Medium-Induced Modification of Z -Tagged Charged Particle Yields in $\sqrt{s} = 13$ TeV Pb-Pb Collisions at the ATLAS Detector. Physical Review Letters, 2021, 126, 072301.	7.8	7
26	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	37
27	Differential cross-section measurements for the electroweak production of dijets in association with a Z boson in proton-proton collisions at ATLAS. European Physical Journal C, 2021, 81, 1.	3.9	12
28	Measurements of WH and ZH production in the $H \rightarrow b\bar{b}$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	38
29	Search for dark matter in association with an energetic photon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
30	Search for type-III seesaw heavy leptons in dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	17
31	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb ⁻¹ of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	19
32	Search for Higgs boson production in association with a high-energy photon via vector-boson fusion with decay into bottom quark pairs at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
33	Search for Higgs boson production in association with a dark Higgs boson decaying into Z or Z in Fully Hadronic Final States. Longitudinal Flow Decorrelations in $\sqrt{s} = 13$ TeV Pb-Pb Collisions at the ATLAS Detector. Physical Review Letters, 2021, 126, 122301.	7.8	6
34	Search for Higgs boson production in association with a dark Higgs boson decaying into Z or Z in Fully Hadronic Final States. Longitudinal Flow Decorrelations in $\sqrt{s} = 13$ TeV Pb-Pb Collisions at the ATLAS Detector. Physical Review Letters, 2021, 126, 122301.	7.8	17
35	Search for new phenomena with top quark pairs in final states with one lepton, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
36	Search for new phenomena in events with two opposite-charge leptons, jets and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	22

#	ARTICLE	IF	CITATIONS
37	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	18
38	Measurement of the CP-violating phase ϕ_s in $B_s^0 \rightarrow J/\psi \phi$ decays in ATLAS at 13 TeV . European Physical Journal C, 2021, 81, .	3.9	13
39	Optimisation of large-radius jet reconstruction for the ATLAS detector in 13 TeV proton-proton collisions. European Physical Journal C, 2021, 81, 1.	3.9	15
40	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- \gamma \gamma$ final states using 139 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	40
41	Search for new phenomena in final states with b-jets and missing transverse momentum in $\sqrt{s} = 13\text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, Measurement of the associated production of a Higgs boson decaying into b-quarks with a vector boson at high transverse momentum in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	4.7	18
42	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $e^+e^- \rightarrow e^+e^- W W$ final states in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	4.1	17
43	Observation of photon-induced $W+W\gamma$ production in pp collisions at $\sqrt{s} = 13\text{ TeV}$ using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136190.	3.9	26
44	Search for doubly and singly charged Higgs bosons decaying into vector bosons in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$. Journal of High Energy Physics, 2021, 2021, 1.	4.1	6
45	Search for new phenomena in events with an energetic jet and missing transverse momentum in $\sqrt{s} = 13\text{ TeV}$ pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Physical Review D, 2021, 103, .	4.7	23
46	Search for tripleton resonances from chargino and neutralino pair production in $\sqrt{s} = 13\text{ TeV}$ pp collisions with the ATLAS detector. Physical Review D, 2021, 103, .	4.7	64
47	Measurements of $W+W\gamma$ + 1 jet production cross-sections in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2
48	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
49	Measurements of Higgs bosons decaying to bottom quarks from vector boson fusion production with the ATLAS experiment at $\sqrt{s} = 13\text{ TeV}$. European Physical Journal C, 2021, 81, 1.	4.7	46
50	Search for pair production of third-generation scalar leptoquarks decaying into a top quark and a τ -lepton in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	3.9	14
51	Search for charged-lepton-flavour violation in Z-boson decays with the ATLAS detector. Nature Physics, 2021, 17, 819-825.	4.7	27
52	Search for Displaced Leptons in $\sqrt{s} = 13\text{ TeV}$ pp collisions with the ATLAS detector. Physical Review Letters, 2021, 127, 051802.	16.7	8
53	Test of the universality of τ , and $\tau/4$ lepton couplings in W-boson decays with the ATLAS detector. Nature Physics, 2021, 17, 813-818.	7.8	17
54		16.7	15

#	ARTICLE	IF	CITATIONS
55	Two-particle azimuthal correlations in photonuclear ultraperipheral collisions at 5.02 TeV with ATLAS. Physical Review C, 2021, 104, .	4.7	9
56	Search for supersymmetry in events with four or more charged leptons in 139 fb^{-1} of $\sqrt{s} = 13 \text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
57	Determination of the parton distribution functions of the proton from ATLAS measurements of differential W_{\pm} and Z boson production in association with jets. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
58	Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
59	A search for the decays of stopped long-lived particles at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
60	Measurement of the relative production cross section with the ATLAS detector at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
61	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2021, 81, 1.	3.9	82
62	Performance of the ATLAS RPC detector and Level-1 muon barrel trigger at $\sqrt{s} = 13 \text{ TeV}$. Journal of Instrumentation, 2021, 16, P07029.	1.2	6
63	Search for squarks and gluinos in final states with one isolated lepton, jets, and missing transverse momentum at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	13
64	The ATLAS Fast Tracker system. Journal of Instrumentation, 2021, 16, P07006.	1.2	5
65	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s} = 8, 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	3
66	Jet energy scale and resolution measured in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	64
67	Evidence for Higgs boson decays to a low-mass dilepton system and a photon in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136412.	4.1	8
68	Measurements of sensor radiation damage in the ATLAS inner detector using leakage currents. Journal of Instrumentation, 2021, 16, P08025.	1.2	3
69	Measurements of the inclusive and differential production cross sections of a top-quark-antiquark pair in association with a Z boson at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	12
70	Search for 100 to 800 GeV top-quark pair production in collision events at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136412.	4.7	4
71	Exclusive dimuon production in ultraperipheral collisions at $\sqrt{s} = 5.02 \text{ TeV}$ with the ATLAS detector. Physical Review C, 2021, 104, .	2.9	11
72	Search for New Phenomena in Final States with Two Leptons and One or No b-Tagged Jets at $\sqrt{s} = 13 \text{ TeV}$ Using the ATLAS Detector. Physical Review Letters, 2021, 127, 141801.	7.8	14

#	ARTICLE	IF	CITATIONS
73	Search for dark matter produced in association with a single top quark in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	9
74	Search for resonances decaying into photon pairs in 139 fb^{-1} of pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136651.	4.1	21
75	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
76	Search for phenomena beyond the Standard Model in events with large b-jet multiplicity using the ATLAS detector at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
77	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
78	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $\sqrt{s}=13$ TeV proton-proton collision data. European Physical Journal C, 2021, 81, 1.	3.9	7
79	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
80	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
81	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
82	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s}=13$ TeV using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
83	Search for chargino-neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	28
84	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	3.9	7
85	Search for Lepton-Flavor Violation in Z -Boson Decays with $\tilde{L}, \tilde{e}, \tilde{\mu}$ Leptons with the ATLAS Detector. Physical Review Letters, 2021, 127, 271801.	7.8	8
86	Measurement of b-quark fragmentation properties in jets using the decay $B \rightarrow J/\psi K^* \mu \mu$ in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
87	Combined measurements of Higgs boson production and decay using up to 80 fb^{-1} of proton-proton collision data at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135114.	4.1	24
88	Search for displaced vertices of oppositely charged leptons from decays of long-lived particles in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135114.	4.1	14
89	Search for non-resonant Higgs boson pair production in the $b\bar{b}\gamma, 1/2\gamma, 1/2\gamma$ final state with the ATLAS detector in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2020, 801, 135145.	4.1	13
90	Search for the Higgs boson decays $H \rightarrow \tau^+ \tau^- e e$ and $H \rightarrow \tau^+ \tau^- e \mu$ in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135148.	4.1	31

#	ARTICLE	IF	CITATIONS
91	Searches for lepton-flavour-violating decays of the Higgs boson in $s=13\hat{\text{A}}\text{TeV}$ pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135069.	4.1	30
92	Search for flavour-changing neutral currents in processes with one top quark and a photon using 81 fb^{-1} of pp collisions at $s=13\text{TeV}$ with the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135082.	4.1	10
93	$\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}\text{ altimg}=\text{"si1.svg"}\text{ }<\text{mml:msqrt}>\text{ }<\text{mml:mrow}>\text{ }<\text{mml:mi}>\text{s}</\text{mml:mi}></\text{mml:mrow}></\text{mml:msqrt}><\text{mml:mo linebreak}=\text{"goodbreak"}\text{ linebreakstyle}=\text{"after"}>=\text{ }</\text{mml:mo}><\text{mml:mn}>13</\text{mml:mn}><\text{mml:mspace width}=\text{"0.25em"}\text{ }/><\text{mml:mtext}>\text{TeV}</\text{mml:mtext}></\text{mml:math}>$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135103.	4.1	53
94	The LUX-ZEPLIN (LZ) experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 953, 163047.	1.6	105
95	$\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}\text{ altimg}=\text{"si1.svg"}\text{ }<\text{mml:msqrt}>\text{ }<\text{mml:mrow}>\text{ }<\text{mml:mi}>\text{s}</\text{mml:mi}></\text{mml:mrow}></\text{mml:msqrt}><\text{mml:mo linebreak}=\text{"goodbreak"}\text{ linebreakstyle}=\text{"after"}>=\text{ }</\text{mml:mo}><\text{mml:mn}>13</\text{mml:mn}><\text{mml:mtext}>\hat{\text{A}}\text{TeV}</\text{mml:mtext}></\text{mml:math}>$ Dijet Resonance Search with Weak Supervision Using $\text{ }<\text{mml:math}>$	4.1	28
96	$\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}\text{ display}=\text{"inline"}><\text{mml:mrow}><\text{mml:msqrt}><\text{mml:mrow}><\text{mml:mi}>\text{s}</\text{mml:mi}></\text{mml:mrow}></\text{mml:msqrt}><\text{mml:mo}>=\text{ }</\text{mml:mo}><\text{mml:math}>$ Collisions in the ATLAS Detector. Physical Review Letters, 2020, 125, 131801.	7.8	67
97	$\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}\text{ altimg}=\text{"si1.svg"}\text{ }<\text{mml:msqrt}>\text{ }<\text{mml:mrow}><\text{mml:msub}><\text{mml:mrow}><\text{mml:mi}>\text{s}</\text{mml:mi}></\text{mml:mrow}><\text{mml:mrow}><\text{mml:mi}>\text{NN}</\text{mml:mi}></\text{mml:mrow}></\text{mml:msub}></\text{mml:mrow}></\text{mml:msqrt}><\text{mml:mo linebreak}=\text{"goodbreak"}\text{ linebreakstyle}=\text{"after"}>=\text{ }</\text{mml:mo}><\text{mml:mn}>5.02</\text{mml:mn}></\text{mml:math}>$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy	4.1	17
98	Measurements of inclusive and differential cross-sections of combined $\text{ }<\text{mml:math}>\text{ }<\text{mml:math}>$ and $\text{ }<\text{mml:math}>$ production in the $e\text{ }<\text{mml:math}>$ channel at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
99	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
100	Operation of the ATLAS trigger system in Run 2. Journal of Instrumentation, 2020, 15, P10004-P10004.	1.2	55
101	The LUX-ZEPLIN (LZ) radioactivity and cleanliness control programs. European Physical Journal C, 2020, 80, 1.	3.9	38
102	Search for new non-resonant phenomena in high-mass dilepton final states with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
103	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $4\ell\ell\ell$ decay channel at $\sqrt{s}=13\text{TeV}$. European Physical Journal C, 2020, 80, 1.	3.9	32
104	Measurement of the $\text{ }<\text{mml:math}>\text{ }<\text{mml:math}>$ production cross-section in the lepton+jets channel at $\text{ }<\text{mml:math}>$	4.1	12
105	$\text{altimg}=\text{"si2.svg"}\text{ }<\text{mml:msqrt}>\text{ }<\text{mml:mrow}>\text{ }<\text{mml:mi}>\text{s}</\text{mml:mi}></\text{mml:mrow}></\text{mml:msqrt}><\text{mml:mo }</\text{mml:math}>$ Fluctuations of anisotropic flow in Pb+Pb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	28
106	Performance of the ATLAS muon triggers in Run 2. Journal of Instrumentation, 2020, 15, P09015-P09015.	1.2	62
107	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two b-jets in $\text{ }<\text{mml:math}>$ collisions at $\sqrt{s}=13\hat{\text{A}}\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	34
108	Measurement of differential cross sections for single diffractive dissociation in $\sqrt{s}=8\text{TeV}$ pp collisions using the ATLAS ALFA spectrometer. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8

#	ARTICLE	IF	CITATIONS
109	Measurement of isolated-photon plus two-jet production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
110	Properties of Higgs Boson Interactions with Top Quarks in the Λ^{\pm} channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	7.8	40
111	Measurements of the production cross-section for a Z boson in association with b-jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
112	Search for the HH \rightarrow $b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
113	Observation of the associated production of a top quark and a Z boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
114	Measurement of the transverse momentum distribution of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	28
115	Searches for electroweak production of supersymmetric particles with compressed mass spectra in $\sqrt{s} = 13$ TeV pp collisions at the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	7.8	97
116	Searches for electroweak production of supersymmetric particles with compressed mass spectra in $\sqrt{s} = 13$ TeV pp collisions at the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	80
117	Measurements of the azimuthal anisotropy of charged-particle production in $\sqrt{s} = 13$ TeV pp collisions at the ATLAS detector. Physical Review D, 2020, 101, 1.	2.9	29
118	Search for direct stau production in events with two hadronic leptons in $\sqrt{s} = 13$ TeV pp collisions at the ATLAS detector. Physical Review D, 2020, 101, 1.	4.7	33
119	Searches for direct production of electroweakinos in final states with missing transverse momentum and a Higgs boson decaying into photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	20
120	Search for direct production of electroweakinos in final states with missing transverse momentum and a Higgs boson decaying into photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
121	Measurements of top-quark pair spin correlations in the $\mu\mu$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	4.7	21
122	Measurements of top-quark pair spin correlations in the $\mu\mu$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	22
123	Performance of the upgraded PreProcessor of the ATLAS Level-1 Calorimeter Trigger. Journal of Instrumentation, 2020, 15, P11016-P11016.	1.2	4
124	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s} = 13$ TeV proton-proton collisions recorded by ATLAS in Run 2 of the LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
125	Search for Higgs Boson Decays into a Z Boson and a Light Hadronically Decaying Resonance Using $\sqrt{s} = 13$ TeV pp Collision Data from the ATLAS Detector. Physical Review Letters, 2020, 125, 221802.	4.7	17
126	Search for Higgs Boson Decays into a Z Boson and a Light Hadronically Decaying Resonance Using $\sqrt{s} = 13$ TeV pp Collision Data from the ATLAS Detector. Physical Review Letters, 2020, 125, 221802.	7.8	20

#	ARTICLE	IF	CITATIONS
127	Higgs boson production cross-section measurements and their EFT interpretation in the 4ℓ decay channel at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	41
128	Combination of the W boson polarization measurements in top quark decays using ATLAS and CMS data at $\sqrt{s}=8\text{TeV}$. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
129	Search for heavy neutral Higgs bosons produced in association with charm quarks and decaying into $b\bar{b}$. Journal of High Energy Physics, 2020, 2020, 1.	4.7	22
130	Search for long-lived massive particles in events with a displaced vertex and a muon with large impact parameter in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. Physical Review D, 2020, 102, .	4.7	22
131	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $\sqrt{s}=13\text{TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	36
132	Search for chargino-neutralino production with mass splittings near the electroweak scale in three-lepton final states in pp collisions with the ATLAS detector. Physical Review D, 2020, 101, .	4.7	28
133	Projected WIMP sensitivity of the LUX-ZEPLIN dark matter experiment. Physical Review D, 2020, 101, .	4.7	141
134	ATLAS data quality operations and performance for 2015–2018 data-taking. Journal of Instrumentation, 2020, 15, P04003-P04003.	1.2	68
135	Measurement of the Lund Jet Plane Using Charged Particles in 13TeV Proton-Proton Collisions with the ATLAS Detector. Physical Review Letters, 2020, 124, 222002.	7.8	28
136	Test of CP invariance in vector-boson fusion production of the Higgs boson in the $H\rightarrow\tau^+\tau^-$ channel in proton-proton collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. Physics Letters, 2020, 805, 135426.	4.1	22
137	Search for W boson production in association with a photon in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	7.8	17
138	Measurement of the $Z\tau^+\tau^-$ production cross-section and lepton differential distributions in $\mu\mu$ dilepton events from pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, .	3.9	26
139	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb^{-1} of data collected with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
140	Search for dijet resonances in events with an isolated charged lepton using $\sqrt{s}=13\text{TeV}$ proton-proton collision data collected by the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
141	Measurement of the $Z\tau^+\tau^-$ production cross-section in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. Physical Review Letters, 2020, 124, 031802.	4.1	11
142	Search for Magnetic Monopoles and Stable High-Electric-Charge Objects in 13TeV Proton-Proton Collisions with the ATLAS Detector. Physical Review Letters, 2020, 124, 031802.	7.8	25
143	Measurement of the $Z(\tau^+\tau^-)^3$ production cross-section in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
144	Measurement of long-range two-particle azimuthal correlations in Z-boson tagged pp collisions at $\sqrt{s}=8\text{TeV}$ and 13TeV . European Physical Journal C, 2020, 80, 1.	3.9	5

#	ARTICLE	IF	CITATIONS
145	Transverse momentum and process dependent azimuthal anisotropies in $\sqrt{s}=8.16$ TeV p+Pb collisions with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	12
146	Measurement of J/ψ production in association with a $W\pm$ boson with pp data at 8 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
147	Search for new resonances in mass distributions of jet pairs using 139 fb^{-1} of pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	68
148	Search for $\overline{t}t$ resonances in fully hadronic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
149	Reconstruction and identification of boosted $d\bar{t}$ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
150	Evidence for electroweak production of two jets in association with a Z^0 pair in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2020, 805, 1378101.	4.1	9
151	Search for heavy resonances decaying into a photon and a hadronically decaying Higgs boson in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review Letters, 2020, 125, 251802.	4.7	14
152	Search for Heavy Resonances Decaying into a Photon and a Hadronically Decaying Higgs Boson in pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector. Physical Review Letters, 2020, 125, 251802.	7.8	6
153	Observation and Measurement of Forward Proton Scattering in Association with Lepton Pairs Produced via the Photon Fusion Mechanism at ATLAS. Physical Review Letters, 2020, 125, 261801.	7.8	22
154	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	3.9	93
155	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	124
156	Search for top squarks in events with a Higgs or Z boson using 139 fb^{-1} of pp collision data at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	4
157	Evidence for $\text{t}\bar{\text{t}}$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	30
158	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	29
159	Search for light long-lived neutral particles produced in pp collisions at $\sqrt{s}=13$ TeV and decaying into collimated leptons or light hadrons with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	21
160	Search for a scalar partner of the top quark in the all-hadronic $\text{t}\bar{\text{t}}$ plus missing transverse momentum final state at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	36
161	Alignment of the ATLAS Inner Detector in Run 2. European Physical Journal C, 2020, 80, 1.	3.9	12
162	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	15

#	ARTICLE	IF	CITATIONS
163	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13$ TeV pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	49
164	Comparison of Fragmentation Functions for Jets Dominated by Light Quarks and Gluons from $p\bar{p}$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	7.8	23
165	Search for heavy resonances decaying into two jets and produced in association with a photon using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 2019, 1.	4.1	196
166	Search for chargino and neutralino production in final states with a Higgs boson and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2019, 100, .	4.7	21
167	Search for long-lived neutral particles in pp collisions at $\sqrt{s} = 13$ TeV that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1.	3.9	28
168	Search for heavy particles decaying into a top-quark pair in the fully hadronic final state in $p\bar{p}$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2019, 99, .	4.7	22
169	Search for heavy resonances decaying into two jets in the ATLAS detector in $p\bar{p}$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2019, 99, .	4.7	22
170	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	21
171	Observation of Light-by-Light Scattering in Ultrapерipheral $PbPb$ collisions in the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 123, 052001.	7.8	75
172	Measurement of prompt photon production in $p\bar{p}$ collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.1	10
173	Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
174	Measurement of $Z\gamma$ production cross sections and gauge boson polarisation in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	41
175	Combination of Searches for Invisible Higgs Boson Decays with the ATLAS Experiment. Physical Review Letters, 2019, 122, 231801.	7.8	133
176	Measurement of the $Z\gamma$ production cross section for a Higgs boson in association with a vector boson in the WZ channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 2019, 1.	4.7	28
177	Searches for third-generation scalar leptoquarks in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
178	Search for scalar resonances decaying into $\tau\tau$ in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	15
179	Measurement of the production cross section for a Higgs boson in association with a vector boson in the WZ channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 2019, 1.	4.1	22
180	Search for scalar resonances decaying into $\tau\tau$ in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 2019, 1.	4.1	13

#	ARTICLE	IF	CITATIONS
181	Search for a right-handed gauge boson decaying into a high-momentum heavy neutrino and a charged lepton in pp collisions with the ATLAS detector at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134942.	4.1	39
182	Search for diboson resonances in hadronic final states in 139 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
183	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS experiment at the LHC. European Physical Journal C, 2019, 79, .	3.9	4
184	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, .	3.9	21
185	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
186	Properties of jet fragmentation using charged particles measured with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 100, .	4.7	9
187	Measurement of the cross-section of W boson pairs in association with two jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	7.8	53
188	Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
189	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	77
190	Measurement of distributions sensitive to the underlying event in inclusive Z boson production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	3
191	Evidence for the production of three massive vector bosons with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134913.	4.1	10
192	Searches for scalar leptoquarks and differential cross-section measurements in dilepton-dijet events in proton-proton collisions at a centre-of-mass energy of $\sqrt{s} = 13$ TeV with the ATLAS experiment. European Physical Journal C, 2019, 79, 1.	3.9	22
193	Search for vector-boson resonances decaying to a top quark and bottom quark in the lepton plus jets final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 347-370.	4.1	9
194	Search for long-lived particles in final states with displaced dimuon vertices in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2019, 99, .	4.7	20
195	Correlated long-range mixed-harmonic fluctuations measured in pp, p+Pb and low-multiplicity Pb+Pb collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 444-471.	4.1	25
196	Observation of electroweak WAZ boson pair production in association with two jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 469-492.	4.1	38
197	Modelling radiation damage to pixel sensors in the ATLAS detector. Journal of Instrumentation, 2019, 14, P06012-P06012.	1.2	7
198	Search for invisible Higgs boson decays in vector boson fusion at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 499-519.	3.9	22

#	ARTICLE	IF	CITATIONS
199	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	27
200	Combinations of single-top-quark production cross-section measurements and $ f_{LVtb} $ determinations at $\sqrt{s} = 7$ and 8 TeV with the ATLAS and CMS experiments. Journal of High Energy Physics, 2019, 2019, 1.	4.7	9
201	Search for top-quark decays $t \rightarrow Hq$ with 36 fb^{-1} of pp collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	19
202	Measurement of VH , $\sigma(\text{H} \rightarrow \text{b}\overline{\text{b}})$ production as a function of the vector-boson transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
203	Measurements of inclusive and differential fiducial cross-sections of $\overline{t}t$ production with additional heavy-flavour jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
204	Measurement of the four-lepton invariant mass spectrum in 13 TeV proton-proton collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
205	Search for Higgs boson pair production in the $\overline{b}W\{W\}^*$ decay mode at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	26
206	Search for heavy long-lived multicharged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Physical Review D, 2019, 99, .	4.7	11
207	Cross-section measurements of the Higgs boson decaying into a pair of W bosons at small opening angles in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2019, 99, .	4.7	6
208	Cross-section measurements of the Higgs boson decaying into a pair of W bosons with 36 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2019, 99, .	4.7	63
209	Measurements of W and Z boson production in pp collisions at $\sqrt{s} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	17
210	Study of the rare decays of B^0_s and B^0 mesons into muon pairs using data collected during 2015 and 2016 with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, .	4.7	62
211	Performance of top-quark and W -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	3.9	42
212	Measurements of inclusive and differential fiducial cross-sections of $\text{star}t\gamma$ production in leptonic final states at $\sqrt{s} = 13$ TeV in ATLAS. European Physical Journal C, 2019, 79, 1.	3.9	14
213	Search for long-lived particles produced in pp collisions at $\sqrt{s} = 13$ TeV that decay into displaced hadronic jets in the ATLAS muon spectrometer. Physical Review D, 2019, 99, .	4.7	35
214	Search for the Production of a Long-Lived Neutral Particle Decaying within the ATLAS Hadronic Calorimeter in Association with a Z Boson from pp Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 7.8 122, 151801.		12
215	Electron and photon energy calibration with the ATLAS detector using 2015–2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	1.2	37
216	Search for four-top-quark production in the single-lepton and opposite-sign dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2019, 99, .	4.7	13

#	ARTICLE	IF	CITATIONS
217	Study of the hard double-parton scattering contribution to inclusive four-lepton production in pp collisions at $\sqrt{s} = 13$ and 8 TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 595-614.	4.7	16
218	Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector. European Physical Journal C, 2019, 79, 58.	3.9	61
219	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with two charged leptons and two jets at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	39
220	In situ calibration of large-radius jet energy and mass in 13 TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	28
221	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run 2 data collected in 2015 and 2016. European Physical Journal C, 2019, 79, 1.	3.9	46
222	Measurement of the ratio of cross sections for inclusive isolated-photon production in pp collisions at $\sqrt{s} = 13$ and 8 TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
223	Measurement of the top quark mass in the $t \rightarrow t \gamma$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	47
224	Measurement of the nuclear modification factor for inclusive jets in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 108-128.	4.7	74
225	Search for pair production of Higgs bosons in the $b\bar{b}$ final state using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	55
226	Measurements of gluon-gluon fusion and vector-boson fusion Higgs boson production cross-sections in the $H \rightarrow \tau\tau$ decay channel in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 508-529.	4.7	46
227	Search for pairs of highly collimated photon-jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physical Review D, 2019, 99, 074004.	4.7	10
228	Search for squarks and gluinos in final states with hadronically decaying leptons, jets, and missing transverse momentum using p_T distributions. European Physical Journal C, 2019, 79, 1.	4.7	13
229	Measurement of the top-quark mass in $t\bar{t} + 1$ -jet events collected with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	27
230	Measurement of fiducial and differential W^+W^- production cross-sections at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	24
231	Measurement of ZZ production in the $ZZ \rightarrow 4\ell$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
232	Measurement of W^+W^- -boson and Z-boson production cross-sections in pp collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	8
233	Measurement of the inclusive cross-section for the production of jets in association with a Z boson in proton-proton collisions at 8 TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	9
234	Electron and photon performance measurements with the ATLAS detector using the 2015-2017 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P12006-P12006.	1.2	124

#	ARTICLE	IF	CITATIONS
235	Search for heavy neutral leptons in decays of W bosons produced in 13 TeV pp collisions using prompt and displaced signatures with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.7	50
236	Measurement of W^{\pm} boson production in Pb+Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	17
237	ATLAS b-jet identification performance and efficiency measurement with $t\bar{t}$ events in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	130
238	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and lead-proton collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	36
239	Resolution of the ATLAS muon spectrometer monitored drift tubes in LHC Run 2. Journal of Instrumentation, 2019, 14, P09011-P09011.	1.2	7
240	Measurement of angular and momentum distributions of charged particles within and around jets in collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	2.9	11
241	Search for electroweak diboson production in association with a high-mass dijet system in semileptonic final states in collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	2.9	14
242	Search for top quark pair production in association with a high-mass dijet system in collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	4.7	15
243	Measurements of top quark pair differential and double-differential cross-sections in the $t\bar{t} + \text{jets}$ channel with pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	4.7	43
244	Measurements of top quark pair differential and double-differential cross-sections in the $t\bar{t} + \text{jets}$ channel with pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	34
245	Search for bottom-quark pair production with the ATLAS detector in final states containing Higgs bosons, b-jets and missing transverse momentum. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
246	Search for heavy charged long-lived particles in proton-proton collisions at $\sqrt{s} = 13$ TeV using an ionisation measurement with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 96-116.	4.1	20
247	Search for Higgs boson decays into a pair of light bosons in the $bb\tau\tau$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 1-21.	4.1	26
248	Measurement of photon-jet transverse momentum correlations in 5.02 TeV Pb + Pb and pp collisions with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 167-190.	4.1	28
249	Measurement of the inclusive isolated-photon cross section in pp collisions at $\sqrt{s} = 13$ TeV using 36 fb $^{-1}$ of ATLAS data. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
250	Measurement of K_S^0 and Λ^0 production in $t\bar{t}$ dileptonic events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	4
251	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb $^{-1}$ of pp collisions at $s = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	116
252	Chromatographic separation of radioactive noble gases from xenon. Astroparticle Physics, 2018, 97, 80-87.	4.3	20

#	ARTICLE	IF	CITATIONS
253	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow \gamma \gamma \rightarrow 4b$ channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	28
254	Measurement of the $Z \rightarrow \mu \mu$ production cross section in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector and limits on anomalous triple gauge-boson couplings. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
255	Prompt and non-prompt J/ψ elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 784.	3.9	19
256	Search for Higgs boson pair production in the $\gamma \gamma \rightarrow W W$ channel using pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	3.9	53
257	Measurement of the suppression and azimuthal anisotropy of muons from heavy-flavor decays in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector. Physical Review C, 2018, 98, 034907.	2.9	12
258	Search for resonant WZ production in the fully leptonic final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2018, 787, 68-88.	1.8	18
259	Combination of the Searches for Pair-Produced Vectorlike Partners of the Third-Generation Quarks at the LHC. Journal of High Energy Physics, 2018, 2018, 1.	7.8	145
260	Observation of Centrality-Dependent Acoplanarity for Muon Pairs Produced via Two-Photon Scattering in Pb+Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2018, 121, 191801.	7.8	41
261	Search for Resonant and Nonresonant Higgs Boson Pair Production in the $\gamma \gamma \rightarrow b \bar{b}$ Channel in pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
262	Search for dark matter in events with a hadronically decaying vector boson and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	7.8	70
263	Search for Higgs boson pair production in the $\gamma \gamma \rightarrow b \bar{b}$ final state with 13 TeV pp collision data collected by the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	4.7	38
264	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	30
265	Measurement of the azimuthal anisotropy of charged particles produced in $\sqrt{s_{NN}}=5.02$ TeV Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 997.	3.9	51
266	Search for pair and single production of vectorlike quarks in final states with at least one photon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	32
267	Search for pair production of heavy vectorlike quarks decaying into hadronic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
268	Search for pair production of heavy vectorlike quarks decaying into hadronic final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
269	Search for chargino-neutralino production using recursive jigsaw reconstruction in final states with two or three charged leptons in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2018, 98, 034011.	4.7	41

#	ARTICLE	IF	CITATIONS
271	Comparison between simulated and observed LHC beam backgrounds in the ATLAS experiment at $\sqrt{s}=4$ TeV. Journal of Instrumentation, 2018, 13, P12006-P12006.	1.2	2
272	Search for charged Higgs bosons decaying into top and bottom quarks at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	56
273	Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.	3.9	25
274	Search for heavy resonances decaying to a photon and a hadronically decaying Z boson in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
275	Search for heavy resonances decaying to a photon and a hadronically decaying Z boson in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	18
276	Search for annual and diurnal rate modulations in the LUX experiment. Physical Review D, 2018, 98, .	4.7	34
277	Search for pair production of heavy vector-like quarks decaying into high- p_T W bosons and top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	22
278	LUX trigger efficiency. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 908, 401-410.	1.6	2
279	Combined measurement of differential and total cross sections in the $H \rightarrow \tau^+ \tau^-$ and the $H \rightarrow Z Z \rightarrow 4\tau$ decay channels at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 134-155.	4.7	15
280	Searches for exclusive Higgs and Z boson decays into $J/\psi \rightarrow \mu^+ \mu^-$, $\Upsilon(2S) \rightarrow \mu^+ \mu^-$, and $\Upsilon(nS) \rightarrow \mu^+ \mu^-$ at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 134-155.	4.7	15
281	Search for supersymmetry in final states with charm jets and missing transverse momentum in 13 TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.1	138
282	Search for heavy resonances decaying into a photon and a hadronically decaying Z boson in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.1	138
283	Combined search for heavy resonances decaying into a photon and a hadronically decaying Z boson in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.1	138
284	Constraints on off-shell Higgs boson production and the Higgs boson total width in $ZZ \rightarrow 4\tau$, $ZZ \rightarrow 2\tau \tau$, and $ZZ \rightarrow 2\tau \tau$ final states with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 223-244.	4.1	43
285	Search for charged Higgs bosons decaying via $H \rightarrow \tau^+ \tau^-$, $H \rightarrow \tau^+ \tau^-$, in the $\tau^+ \tau^-$, +jets and $\tau^+ \tau^-$, +lepton final states with 36 fb $^{-1}$ of pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2018, 2018, 1.	4.7	59
286	Prompt and non-prompt J/ψ and $\psi(2S)$ suppression at high transverse momentum in $\sqrt{s}=5.02$ TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	3.9	61
287	Search for heavy resonances decaying to a photon and a hadronically decaying Z boson in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	7.8	16
288	Search for flavor-changing neutral currents in top quark decays $t \rightarrow Hc$ and $t \rightarrow Hu$ in multilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physical Review D, 2018, 98, .	4.7	17

#	ARTICLE	IF	CITATIONS
289	Measurement of the Higgs boson mass in the $H \rightarrow \tau\tau$, $H \rightarrow ZZ \rightarrow 4\tau$, and $H \rightarrow \tau\tau \rightarrow \tau\tau$ channels with $\sqrt{s} = 13$ TeV pp collisions using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 345-366.	4.7	13
290	Measurements of b-jet tagging efficiency with the ATLAS detector using $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
291	Search for Higgs bosons produced via vector-boson fusion and decaying into bottom quark pairs in $\sqrt{s} = 13$ TeV pp collisions using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 367-380.	4.7	26
292	Search for low-mass Dijet Resonances Using Trigger-level Jets with the ATLAS Detector in $\sqrt{s} = 13$ TeV pp collisions. Physical Review Letters, 2018, 121, 081801.	7.8	41
293	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	3.9	79
294	Measurement of jet fragmentation in Pb+Pb and $\sqrt{s} = 13$ TeV collisions at the ATLAS detector. Physical Review C, 2018, 98, .	2.9	24
295	Search for new phenomena using the invariant mass distribution of same-flavour opposite-sign dilepton pairs in events with missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 625.	3.9	27
296	Position reconstruction in LUX. Journal of Instrumentation, 2018, 13, P02001-P02001.	1.2	25
297	Liquid xenon scintillation measurements and pulse shape discrimination in the LUX dark matter detector. Physical Review D, 2018, 97, .	4.7	19
298	Search for pair production of up-type vector-like quarks and for four-top-quark events in final states with multiple b-jets with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	33
299	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $a\tau\tau$, $a\tau\tau$, bb final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 392-414.	4.7	13
300	Study and mitigation of spurious electron emission from cathodic wires in noble liquid time projection chambers. Astroparticle Physics, 2018, 103, 49-61.	4.3	16
301	Search for $W \rightarrow tb$ decays in the hadronic final state using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 327-348.	4.1	20
302	Observation of Higgs boson production in association with a top quark pair at the LHC with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 173-191.	4.1	169
303	Calibration, event reconstruction, data analysis, and limit calculation for the LUX dark matter experiment. Physical Review D, 2018, 97, .	4.7	29
304	Results from a Search for Dark Matter in the Complete LUX Exposure. Physical Review Letters, 2017, 118, 021303.	7.8	1,081
305	Identification of radiopure titanium for the LZ dark matter experiment and future rare event searches. Astroparticle Physics, 2017, 96, 1-10.	4.3	24
306	Signal yields, energy resolution, and recombination fluctuations in liquid xenon. Physical Review D, 2017, 95, .	4.7	39

#	ARTICLE	IF	CITATIONS
307	3D modeling of electric fields in the LUX detector. Journal of Instrumentation, 2017, 12, P11022-P11022.	1.2	21
308	First Searches for Axions and Axionlike Particles with the LUX Experiment. Physical Review Letters, 2017, 118, 261301.	7.8	108
309	Limits on Spin-Dependent WIMP-Nucleon Cross Section Obtained from the Complete LUX Exposure. Physical Review Letters, 2017, 118, 251302.	7.8	175
310	Ultralow energy calibration of LUX detector using $\langle m \rangle_{\text{Xe}}$	4.7	36
311	electron capture. Physical Review D, 2017, 96, . $\langle m \rangle_{\text{Kr}}$	4.7	28
312	First Results of the LUX Dark Matter Experiment. Nuclear and Particle Physics Proceedings, 2016, 273-275, 309-313.	0.5	3
313	Tritium calibration of the LUX dark matter experiment. Physical Review D, 2016, 93, .	4.7	70
314	Improved Limits on Scattering of Weakly Interacting Massive Particles from Reanalysis of 2013 LUX Data. Physical Review Letters, 2016, 116, 161301.	7.8	333
315	Results on the Spin-Dependent Scattering of Weakly Interacting Massive Particles on Nucleons from the Run 3 Data of the LUX Experiment. Physical Review Letters, 2016, 116, 161302.	7.8	146
316	FPGA-based trigger system for the LUX dark matter experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 818, 57-67.	1.6	12
317	The LUX Experiment. Physics Procedia, 2015, 61, 74-76.	1.2	0
318	Radon-related Backgrounds in the LUX Dark Matter Search. Physics Procedia, 2015, 61, 658-665.	1.2	9
319	Results from the LUX dark matter experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 784, 504-507.	1.6	8
320	Radiogenic and muon-induced backgrounds in the LUX dark matter detector. Astroparticle Physics, 2015, 62, 33-46.	4.3	71
321	First Results from the LUX Dark Matter Experiment at the Sanford Underground Research Facility. Physical Review Letters, 2014, 112, 091303.	7.8	1,248