Alberto Annovi

List of Publications by Year
in descending order

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182 papers	3,783 citations	158090 30 h-index	204858 48 g-index
191 all docs	191 docs citations	191 times ranked	9769 citing authors

#	Article	IF	Citations
1	Search for non-resonant production of semi-visible jets using Run 2 data in ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2024, 848, 138324.	4.0	8
2	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi>t</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi>t</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover></mml:math> cross section and its ratio to the Z production cross section using pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2024, 848, 138400.	4.0	2
3	Observation of WÂ±Z boson production in proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2024, 848, 138400.	4.0	1
4	Performance of the ATLAS forward proton Time-of-Flight detector in Run 2. Journal of Instrumentation, 2024, 19, P05054.	1.2	0
5	Beam-induced backgrounds measured in the ATLAS detector during local gas injection into the LHC beam vacuum. Journal of Instrumentation, 2024, 19, P06014.	1.2	1
6	Search for flavour-changing neutral-current couplings between the top quark and the photon with the ATLAS detector at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 842, 137379.	4.0	13
7	Measurement of the nuclear modification factor of b-jets in 5.02ÂTeV Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	9
8	Measurement of the polarisation of W bosons produced in top-quark decays using dilepton events at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 843, 137832.	4.0	6
9	Observation of gauge boson joint-polarisation states in WÂ±Z production from pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 843, 137855.	4.0	10
10	Constraints on Higgs boson self-coupling from single- and double-Higgs production with the ATLAS detector using pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 843, 137745.	4.0	30
11	Observation of four-top-quark production in the multilepton final state with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	27
12	Constraints on spin-0 dark matter mediators and invisible Higgs decays using ATLAS 13ÂTeV pp collision data with two top quarks and missing transverse momentum in the final state. European Physical Journal C, 2023, 83, .	4.2	11
13	Search for pair-production of vector-like quarks in pp collision events at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg">><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV with at least one leptonically decaying Z boson and a third-generation quark with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 843, 138019.	4.0	25
14	Searches for new phenomena in events with two leptons, jets, and missing transverse momentum in 139Âfb$$^{-1}$$ of $$varvec{sqrt{s}}=13$$ÂTeV $$varvec{pp}$$ collisions with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	24
15	Measurements of observables sensitive to colour reconnection in $$t{ar{t}}$$ events with the ATLAS detector at $$sqrt{s} =$$ 13ÂTeV. European Physical Journal C, 2023, 83, .	4.2	3
16	Search for Higgs boson pair production in association with a vector boson in pp collisions at $$sqrt{s}=13,ext {TeV}$$ with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	5
17	Measurement of the charge asymmetry in top-quark pair production in association with a photon with the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 843, 137848.	4.0	3
18			

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19	Measurement of muon pairs produced via <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î³</mml:mi><mml:mi>Î³</mml:mi></mml:mrow></mml:m scattering in nonultraperipheral <mml:math	2.9	7
20	Measurements of the suppression and correlations of dijets in Pb+Pb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mrow><mml TeV. Physical Review C, 2023, 107, .	2.9	9
21	Measurement of substructure-dependent jet suppression in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Pb</mml:mi><mml:mo>+</mml:mo><mml:mi>Pb</mml:m Correlations between flow and transverse momentum in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Xe</mml:mi><mml:mo>+</mml:mo><mml:mi>Xe</mml:m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Pb</mml:mi><mml:mo>+</mml:mo><mml:mi>Pb</mml:m collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV Physics Letters, Section B: Nuclear, Elementary Particle and	2.9	21
22		2.9	30
23		4.0	48
24	Production of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">Î¥</mml:mi><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mi>S</mml:mi><mml:mo>)</mml:mo></mml:m mesons in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Pb</mml:mi><mml:mo>+</mml:mo><mml:mi>Pb</mml:m	2.9	13
25	Measurement of the total cross section and $$ho $$-parameter from elastic scattering in pp collisions at $$sqrt{s}=13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	26
26	Measurement of the Higgs boson mass in the Hâ€ â†'â€ZZâŽâ€ â†'â€4â„“ decay channel using 139 fbâ^'1 of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV pp collisions recorded by the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 843, 137880.	4.0	12
27	Measurement of $$Zgamma gamma $$ production in pp collisions at $$sqrt{s}= 13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	7
28	Measurement of the CP properties of Higgs boson interactions with $$au $$-leptons with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	9
29	Search for supersymmetry in final states with missing transverse momentum and three or more b-jets in 139 fb$$^{-1}$$ of protonâ€"proton collisions at $$sqrt{s} = 13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	18
30	Search for doubly charged Higgs boson production in multi-lepton final states using 139Âfb$$^{-1}$$ of protonâ€"proton collisions at $$sqrt{s}$$ = 13ÂTeV with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	26
31	Search for dark matter produced in association with a single top quark and an energetic W boson in $$sqrt{s}=$$ 13 TeV $$pp$$ collisions with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	3
32	Measurement of exclusive pion pair production in protonâ€"proton collisions at $$sqrt{s}={7},ext {TeV}$$ with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	1
33	Search for resonant WZ production in the fully leptonic final state in protonâ€"proton collisions at $$mathbf {sqrt{s} = 13}$$ÂTeV with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	10
34	Search in diphoton and dielectron final states for displaced production of Higgs or <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math> bosons with the ATLAS detector in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.4	6
35	display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰</ ATLAS flavour-tagging algorithms for the LHC Run 2 pp collision dataset. European Physical Journal C, 2023, 83, .	4.2	67
36	Search for Heavy Neutral Leptons in Decays of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi></mml:math> Bosons Using a Dilepton Displaced Vertex in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰</	7.8	26

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37	Measurements of Higgs boson production by gluon-gluon fusion and vector-boson fusion using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math> Invariance in Higgs Boson Vector-Boson-Fusion Production Using the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	7.8	3
38	Measurement of the inclusive <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>H</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mi>W</mml:mi><mml:msup><mml:mi>W</mml:mi><mml:mo>*</mml:mo></mml:msup><mml:m stretchy="false">â†’</mml:mo><mml:mi>e</mml:mi><mml:mi>Î½</mml:mi><mml:mi>Î¼</mml:mi><mml:mi>Î½</mml:mi></mml:mat decays in	4.4	11
39	Studies of the muon momentum calibration and performance of the ATLAS detector with pp collisions at $$sqrt{s}=13$$ÂTeV. European Physical Journal C, 2023, 83, .	4.2	24
40	Measurements of the suppression and correlations of dijets in Xe+Xe collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mrow><mml TeV. Physical Review C, 2023, 108, .	2.9	2
41	Strong Constraints on Jet Quenching in Centrality-Dependent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mo>+</mml:mo><mml:mi>Pb</mml:mi></mml:mrow></mml:math> Collisions at 5.02 TeV from ATLAS. Physical Review Letters, 2023, 131, .	7.8	9
42	Measurement of the inclusive <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>t</mml:mi><mml:mover accent="true"><mml:mi>t</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover></mml:math> production cross section in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.4	0
43	Search for lepton-flavor-violating decay <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi><mml:mi></mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mi>e</mml:mi><mml:mi>Î¼</mml:mi></mml:math> in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.4	11
44	New techniques for jet calibration with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	7
45	Comparison of inclusive and photon-tagged jet suppression in 5.02 TeV Pb+Pb collisions with ATLAS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 846, 138154.	4.0	11
46	Search for flavor-changing neutral-current couplings between the top quark and the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math> boson with proton-proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.4	8
47	display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰</ Measurements of $$W^{+}W^{-}$$ production in decay topologies inspired by searches for electroweak supersymmetry. European Physical Journal C, 2023, 83, .	4.2	1
48	Search for pair-produced vector-like top and bottom partners in events with large missing transverse momentum in pp collisions with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	18
49	Searches for exclusive Higgs and Z boson decays into a vector quarkonium state and a photon using 139Âfb$$^{-1}$$ of ATLAS $$sqrt{s}=13$$ÂTeV protonâ€“proton collision data. European Physical Journal C, 2023, 83, .	4.2	10
50	Search for Majorana neutrinos in same-sign WW scattering events from pp collisions at $$sqrt{s}=13$$ÂTeV. European Physical Journal C, 2023, 83, .	4.2	12
51	Measurement of cross sections for production of a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math> boson in association with a flavor-inclusive or doubly heavy-flavor dijet system in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.4	1
52	Measurement of the production of a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi></mml:math> boson in association with a charmed hadron in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.4	3
53	display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> Calibration of the light-flavour jet mistagging efficiency of the b-tagging algorithms with Z+jets events using 139Â$$extrm{fb}^{-1}$$ of ATLAS protonâ€“proton collision data at $$sqrt{s} = 13$$ÂTeV. European Physical Journal C, 2023, 83, .	4.2	31
54	Search for displaced photons produced in exotic decays of the Higgs boson using 13ÂTeV <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> collisions with the ATLAS detector. Physical Review D, 2023, 108, .	4.4	6

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55	Measurements of differential cross sections of Higgs boson production through gluon fusion in the $$Hightarrow WW^{*}ightarrow eu mu u $$ final state at $$sqrt{s} = 13$$ATeV with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	2
56	Search for nonresonant pair production of Higgs bosons in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>b</mml:mi><mml:mover accent="true"><mml:mi>b</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover><mml:mi>b</mml:mi><mml:mover accent="true"><mml:mi>b</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover></mml:math>	4.4	26
57	Anomaly detection search for new resonances decaying into a Higgs boson and a generic new particle <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV with	4.0	3
58	Search for new resonances decaying into a Higgs boson and a generic new particle <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>X</mml:mi></mml:math> in hadronic final states using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.4	24
59	with two jets in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mn>13</mml:mn><mml:mtext>â€‰</ <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 846, 138223.	4.0	2
60	Evidence of off-shell Higgs boson production from ZZ leptonic decay channels and constraints on its total width with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 846, 138223.	4.0	19
61	production of the Higgs boson in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>H</mml:mi><mml:mrow><mml:mo stretchy="false">at</mml:mo></mml:mrow><mml:mi>W</mml:mi><mml:msup><mml:mi>W</mml:mi><mml:mo>*</mml:mo></	4.4	1
62	Observation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î³</mml:mi><mml:mi>Î³</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mi>Ï„</mml:mi><mml:mi>Ï„</mml:mi></mml:mrow></mml:math> Process in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi	7.8	24
63	Observation of an Excess of Dicharmonium Events in the Four-Muon Final State with the ATLAS Detector. Physical Review Letters, 2023, 131, .	7.8	61
64	Measurement of the Sensitivity of Two-Particle Correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> Collisions to the Presence of Hard Scatterings. Physical Review Letters, 2023, 131, .	7.8	3
65	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Pb</mml:mi><mml:mo>+</mml:mo><mml:mi>Pb</mml:mi></mml:mrow></mml:math> Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	7.8	15
66	Observation of Single-Top-Quark Production in Association with a Photon Using the ATLAS Detector. Physical Review Letters, 2023, 131, .	7.8	5
67	Search for exclusive Higgs and Z boson decays to Ï‰Î³ and Higgs boson decays to KâŽÎ³ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 847, 138292.	4.0	2
68	Measurement of the Higgs boson mass with Hâ€¯â†’â€¯Î³Î³ decays in 140 fbâˆ’1 of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV pp collisions with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 847, 138335.	4.0	7
69	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>13</mml:mn></mml:math> TeV using the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 847, 138316.	4.0	8
70	Fast b-tagging at the high-level trigger of the ATLAS experiment in LHC RunÂ3. Journal of Instrumentation, 2023, 18, P11006.	1.2	9
71	Search for pair production of third-generation leptoquarks decaying into a bottom quark and a $$au $$-lepton with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	8
72	Performance of the reconstruction of large impact parameter tracks in the inner detector of ATLAS. European Physical Journal C, 2023, 83, .	4.2	11

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73	Search for a new pseudoscalar decaying into a pair of muons in events with a top-quark pair at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</mml:mn><mml:mtext>â€‰ with the ATLAS detector. Physical Review D, 2023, 108, .	4.4	5
74	Pursuit of paired dijet resonances in the Run 2 dataset with ATLAS. Physical Review D, 2023, 108, .	4.4	5
75	Search for Dark Photons in Rare <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math> Boson Decays with the ATLAS Detector. Physical Review Letters, 2023, 131, .	7.8	1
76	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with charged leptons and jets in pp collisions at $$sqrt{s}=13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2023, 83, .	4.2	15
77	Measurement of the Higgs Boson Mass from the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>H</mml:mi><mml:mo stretchy="false">â†'</mml:mo><mml:mi>Î³</mml:mi><mml:mi>Î³</mml:mi></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>	7.8	21
78	Luminosity determination in pp collisions at $$sqrt{s}=13$$ÂTeV using the ATLAS detector at the LHC. European Physical Journal C, 2023, 83, .	4.2	87
79	Tools for estimating fake/non-prompt lepton backgrounds with the ATLAS detector at the LHC. Journal of Instrumentation, 2023, 18, T11004.	1.2	10
80	Emulating the impact of additional protonâ€"proton interactions in the ATLAS simulation by presampling sets of inelastic Monte Carlo events. Computing and Software for Big Science, 2022, 6, .	3.6	12
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