Jun Guo

List of Publications by Year
in descending order

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504 papers	21,380 citations	12330 69 h-index	19190 118 g-index
537 all docs	537 docs citations	537 times ranked	15579 citing authors

#	Article	IF	Citations
1	Quantifying global soil carbon losses in response to warming. Nature, 2016, 540, 104-108.	27.8	879
2	Phase II, Open-Label, Single-Arm Trial of Imatinib Mesylate in Patients With Metastatic Melanoma Harboring c-Kit Mutation or Amplification. Journal of Clinical Oncology, 2011, 29, 2904-2909.	1.6	646
3	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	3.9	489
4	Muon reconstruction performance of the ATLAS detector in protonâ€“proton collision data at $$sqrt{s}$$ s =13ÂTeV. European Physical Journal C, 2016, 76, 292.	3.9	453
5	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. European Physical Journal C, 2017, 77, 490.	3.9	325
6	Performance of pile-up mitigation techniques for jets in $$pp$$ p p collisions at $$sqrt{s}=8$$. European Physical Journal C, 2016, 76, 581.	3.9	298
7	Luminosity determination in pp collisions at $$sqrt{s}$$ s = 8 TeV using the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 653.	3.9	279
8	Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $$sqrt{s}=7$$ s = 7 and 8ÂTeV in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.	3.9	274
9	Jet energy measurement and its systematic uncertainty in protonâ€“proton collisions at $$sqrt{s}=7$$ s = 7 ÂTeV with the ATLAS detector. European Physical Journal C, 2015, 75, 17.	3.9	268
10	Performance of the ATLAS Trigger System in 2010. European Physical Journal C, 2012, 72, 1.	3.9	259
11	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $$sqrt{s}=8~$$ s = 8 TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 299.	3.9	238
12			

#	Article	IF	Citations
19	Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector. European Physical Journal C, 2015, 75, 476.	3.9	174
20	Search for new high-mass phenomena in the dilepton final state using 36 fbâ˜'1 of proton-proton collision data at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	168
21	Measurement of the transverse momentum and $$phi ^*_{eta }$$ Ï• Î· â^— distributions of Drellâ€"Yan lepton pairs in protonâ€"proton collisions at $$sqrt{s}=8$$ s = 8 ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 291.	3.9	154
22	Measurement of the top quark-pair production cross section withÂATLAS in pp collisions at $sqrt{s}=7$ ÂTeV. European Physical Journal C, 2011, 71, 1.	3.9	146
23	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	3.9	145
24	Precision measurement and interpretation of inclusive $$W^+$$ W + , $$W^-$$ W -. European Physical Journal C, 2017, 77, 367.	3.9	145
25	ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider. European Physical Journal C, 2015, 75, 510.	3.9	138
26	Search for dark matter and other new phenomena in events with an energetic jet and large missing transverse momentum using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	136
27	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using protonâ€"proton collisions at $$sqrt{s}=13,ext {TeV}$$ s = 13 TeV. European Physical Journal C, 2018, 78, 199.	3.9	132
28	Measurement of the Z/Î³ * boson transverse momentum distribution in pp collisions at s = 7 $$ sqrt{s}=7 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	131
29	ATLAS b-jet identification performance and efficiency measurement with $$t{ar{t}}$$ events in pp collisions at $$sqrt{s}=13$$ÂTeV. European Physical Journal C, 2019, 79, 1.	3.9	130
30	Search for electroweak production of supersymmetric particles in final states with two or three leptons at $$sqrt{s}=13hbox {TeV}$$ s = 13 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 995.	3.9	125
31	Open-label, Multicenter, Phase II Study of RC48-ADC, a HER2-Targeting Antibodyâ€"Drug Conjugate, in Patients with Locally Advanced or Metastatic Urothelial Carcinoma. Clinical Cancer Research, 2021, 27, 43-51.	7.0	125
32	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in $$sqrt{s}=13$$Â$$ext {TeV}$$ pp collisions using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	3.9	124
33	Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $$varvec{bar{b}}$$ b b Â¯ in $$varvec{pp}$$ p p collisions at $$sqrt{mathbf{s}}= varvec{8{{,mathrm TeV}}}$$ s = 8 T e V with the ATLAS detector. European Physical Journal C, 2015, 75, 349.	3.9	123
34	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fbâ˜'1 of pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	116
35	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $$sqrt{s}=8,~{mathrm {TeV}}$$ s = 8 TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 538.	3.9	115
36	Safety and clinical activity with an anti-PD-1 antibody JS001 in advanced melanoma or urologic cancer patients. Journal of Hematology and Oncology, 2019, 12, 7.	17.0	113

#	Article	IF	Citations
37	Searches for scalar leptoquarks in pp collisions at $$varvec{sqrt{s}}$$ s = 8ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 5.	3.9	109
38	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	108
39	Search for heavy resonances decaying into WW in the $$eu mu u $$ e Î½ Î¼ Î½ final state in pp collisions at $$sqrt{s}=13$$ s = 13 $$,ext {TeV}$$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.	3.9	108
40	Safety, Efficacy, and Biomarker Analysis of Toripalimab in Previously Treated Advanced Melanoma: Results of the POLARIS-01 Multicenter Phase II Trial. Clinical Cancer Research, 2020, 26, 4250-4259.	7.0	104
41	Measurement of the shape of the boson rapidity distribution for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mover accent="true"><mml:mi>p</mml:mi><mml:mo>Â¯</mml:mo></mml:mover><mml:mo>â†’</mml:mo><mml:mi>Z</mml:mi><mml:mo Physical Review D, 2007, 76, .	4.7	101
42	Search for heavy ZZ resonances in the $$ell ^+ell ^-ell ^+ell ^-$$ â„“ + â„“ - â„“ + â„“ - and $$ell ^+ell ^-u ar{u }$$ â„“ + â„“ - Î½ Î½Â¯ final states using protonâ€“proton collisions at $$sqrt{s}= 13$$ s = 13 Â $$ext {TeV}$$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	3.9	101
43	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
44	Search for new phenomena in events with at least three photons collected in pp collisions at $$sqrt{s}$$ s = 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 210.	3.9	95
45	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	3.9	93
46	Search for Higgs boson pair production in the $$bar{b}bar{b}$$ b b Â¯ b b Â¯ final state from pp collisions at $$sqrt{s} = 8$$ s = 8 TeVwith the ATLAS detector. European Physical Journal C, 2015, 75, 412.	3.9	90
47	A Phase Ib Study of Pembrolizumab as Second-Line Therapy for Chinese Patients With Advanced or Metastatic Melanoma (KEYNOTE-151). Translational Oncology, 2019, 12, 828-835.	3.7	90
48	Search for the b b Â¯ $$ boverline{b} $$ 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
49	Electron efficiency measurements with the ATLAS detector using 2012 LHC protonâ€“proton collision data. European Physical Journal C, 2017, 77, 195.	3.9	87
50	Measurement of multi-particle azimuthal correlations in pp, pÂ+ÂPb and low-multiplicity PbÂ+ÂPb collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 428.	3.9	86
51	STAT3/p53 pathway activation disrupts IFN-Î²â€“induced dormancy in tumor-repopulating cells. Journal of Clinical Investigation, 2018, 128, 1057-1073.	8.2	86
52	Tislelizumab in Chinese patients with advanced solid tumors: an open-label, non-comparative, phase 1/2 study. , 2020, 8, e000437.		86
53	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
54	Muon reconstruction and identification efficiency in ATLAS using the full Run 2 pp collision data set at $$sqrt{s}=13$$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	82

#	Article	IF	Citations
55	Measurement of the prompt J/ $$psi $$ Ï^ pair production cross-section in pp collisions at $$sqrt{s} = 8$$ s = 8 ÂTeV with the ATLAS detector. European Physical Journal C, 2017, 77, 76.	3.9	81
56	Search for dark matter at $$sqrt{s}=13~mathrm{TeV}$$ s = 13 TeV in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. European Physical Journal C, 2017, 77, 393.	3.9	80
57	Search for production of $$WW/WZ$$ W W / W Z resonances decaying to a lepton, neutrino and jets in $$pp$$ p p collisions at $$sqrt{s}=8$$ s = 8 ÂTeV with the ATLAS detector. European Physical Journal C, 2015, 75, 209.	3.9	79
58	Search for lepton-flavour-violating decays of the Higgs and Z bosons with the ATLAS detector. European Physical Journal C, 2017, 77, 70.	3.9	79
59	Search for heavy particles decaying into top-quark pairs using lepton-plus-jets events in protonâ€“proton collisions at $$sqrt{s} = 13$$ s = 13 Â $$ext {TeV}$$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 565.	3.9	79
60	Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-39.	4.7	78
61	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC protonâ€“proton collision data at $$sqrt{s} = 13$$Â$$ext {TeV}$$. European Physical Journal C, 2019, 79, 1.	3.9	77
62	Angular analysis of B0 dâ€‰â†’â€‰Kâˆ—Î¼+Î¼â^' decays in pp collisions at $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	76
63	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. European Physical Journal C, 2017, 77, 673.	3.9	75
64	Measurement of quarkonium production in protonâ€“lead and protonâ€“proton collisions at $$5.02~mathrm {TeV}$$ 5.02 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.	3.9	75
65	Measurement of the inclusive and dijet cross-sections of b-jets in pp collisions at $sqrt{s}=7mbox{~TeV}$ with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	73
66	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. European Physical Journal C, 2016, 76, 666.	3.9	73
67	Search for squarks and gluinos in final states with jets and missing transverse momentum at $$sqrt{s}$$ s =13 $${mathrm{TeV}}$$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 392.	3.9	73
68	Frequent Genetic Aberrations in the CDK4 Pathway in Acral Melanoma Indicate the Potential for CDK4/6 Inhibitors in Targeted Therapy. Clinical Cancer Research, 2017, 23, 6946-6957.	7.0	73
69	Search for supersymmetry at $$sqrt{s}=13$$ s = 13 ÂTeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. European Physical Journal C, 2016, 76, 259.	3.9	72
70	Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	71
71	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	71
72	MAPK Pathway and TERT Promoter Gene Mutation Pattern and Its Prognostic Value in Melanoma Patients: A Retrospective Study of 2,793 Cases. Clinical Cancer Research, 2017, 23, 6120-6127.	7.0	71

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73	Reconstruction of primary vertices at the ATLAS experiment in Run 1 protonâ€“proton collisions at the LHC. European Physical Journal C, 2017, 77, 332.	3.9	71
74	Comparisons of different muscle metabolic enzymes and muscle fiber types in Jinhua and Landrace pigs1. Journal of Animal Science, 2011, 89, 185-191.	0.5	70
75	Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $$sqrt{s}=8$$ s = 8 $$,hbox {TeV}$$ TeV. European Physical Journal C, 2015, 75, 303.	3.9	70
76	Search for resonances in diphoton events at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	70
77	Early Use of High-Dose Glucocorticoid for the Management of irAE Is Associated with Poorer Survival in Patients with Advanced Melanoma Treated with Antiâ€“PD-1 Monotherapy. Clinical Cancer Research, 2021, 27, 5993-6000.	7.0	70
78	Analysis of mTOR Gene Aberrations in Melanoma Patients and Evaluation of Their Sensitivity to PI3Kâ€“AKTâ€“mTOR Pathway Inhibitors. Clinical Cancer Research, 2016, 22, 1018-1027.	7.0	69
79	Search for new resonances in mass distributions of jet pairs using 139 fbâ˜'1 of pp collisions at $$ sqrt{mathrm{s}} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	68
80	Measurement of charged-particle spectra in Pb+Pb collisions at s N N = 2.76 $$ sqrt{s_{mathrm{NN}}}=2.76 $$ TeV with the ATLAS detector at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	67
81	Search for direct pair production of a chargino and a neutralino decaying to the 125ÂGeV Higgs boson in $$sqrt{varvec{s}} = 8$$ s = 8 ÂTeV $$varvec{pp}$$ p p collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 208.	3.9	67
82	Search for long-lived charginos based on a disappearing-track signature in pp collisions at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	67
83	A search for t t Â¯ $$ toverline{t} $$ resonances using lepton-plus-jets events in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	66
84	A search for pair-produced resonances in four-jet final states at $$sqrt{s}=13$$ s = 13 $$ext {TeV}$$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.	3.9	66
85	Observation and measurements of the production of prompt and non-prompt $$varvec{ext {J}uppsi }$$ J Ï^ mesons in association with a $$varvec{Z}$$ Z boson in $$varvec{pp}$$ p p collisions at $$varvec{sqrt{s}= 8,ext {TeV}}$$ s = 8 TeV with the ATLAS detector. European Physical Journal C, 2015, 75, 229.	3.9	64
86	Evidence for the H â†' b b Â¯ $$ Ho boverline{b} $$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	64
87	Jet energy scale and resolution measured in protonâ€“proton collisions at $$sqrt{s}=13$$ÂTeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	64
88	Measurement of the differential cross-sections of prompt and non-prompt production of $$J/psi $$ J / Ï^ and $$psi (2mathrm {S})$$ Ï^ (2 S) in pp collisions at $$sqrt{s} = 7$$ s = 7 and 8ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 283.	3.9	63
89	Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $$sqrt{s} = 8$$ s = 8 ÂTeV. European Physical Journal C, 2016, 76, 154.	3.9	62
90	Genetic Aberrations in the CDK4 Pathway Are Associated with Innate Resistance to PD-1 Blockade in Chinese Patients with Non-Cutaneous Melanoma. Clinical Cancer Research, 2019, 25, 6511-6523.	7.0	62

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91	MNK1/2 inhibition limits oncogenicity and metastasis of KIT-mutant melanoma. Journal of Clinical Investigation, 2017, 127, 4179-4192.	8.2	62
92	Charged-particle distributions at low transverse momentum in $$sqrt{s} = 13$$ s = 13 ÂTeV pp interactions measured with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 502.	3.9	61
93	Performance of algorithms that reconstruct missing transverse momentum in $$sqrt{s}$$ s = 8 TeV protonâ€“proton collisions in the ATLAS detector. European Physical Journal C, 2017, 77, 241.	3.9	61
94	Prompt and non-prompt $$J/psi $$ J / Ïˆ and $$psi (2mathrm {S})$$ Ïˆ (2 S) suppression at high transverse momentum in $$5.02~mathrm {TeV}$$ 5.02 TeV Pb+Pb collisions with the ATLAS experiment. European Physical Journal C, 2018, 78, 762.	3.9	61
95	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
96	Accidental dark matter: Case in the scale invariant local<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi><mml:mo>â^’</mml:mo><mml:mi>L</mml:mi></mml:math>model. Physical Review D, 2015, 91, .	4.7	60
97	Summary of the searches for squarks and gluinos using s = 8 $$ sqrt{s}=8 $$ TeV pp collisions with the ATLAS experiment at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
98	Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $$ell ell / ell u / u u + b ar{b}$$ â„“ â„“ / â„“ Î½ / Î½ Î½ + b b Â¯ final states with the ATLAS detector. European Physical Journal C, 2015, 75, 263.	3.9	60
99	Search for dark matter produced in association with bottom or top quarks in $$sqrt{s}=13$$s=13ÂTeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.	3.9	60
100	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $$sqrt{s_{ext {NN}}}=2.76$$ s NN = 2.76 and 5.0. European Physical Journal C, 2018, 78, 142.	3.9	59
101	Search for charged Higgs bosons decaying via HÂ± â†’ Ï„Â±Î½Ï„ in the Ï„+jets and Ï„+lepton final states with 36 fbâ^'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
102	Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $$sqrt{s}=8$$ s = 8 ÂTeV pp collisions with the ATLAS detector. European Physical Journal C, 2015, 75, 318.	3.9	56
103	Fiducial, total and differential cross-section measurements of t-channel single top-quark production in pp collisions at 8ÂTeV using data collected by the ATLAS detector. European Physical Journal C, 2017, 77, 531.	3.9	56
104	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
105	Search for direct top squark pair production in events with a $$Z$$ Z boson, $$b$$ b -jets and missing transverse momentum in $$sqrt{s}=8$$ s = 8 TeV $$pp$$ p p collisions with the ATLAS detector. European Physical Journal C, 2014, 74, 2883.	3.9	55
106	Summary of the ATLAS experimentâ€™s sensitivity to supersymmetry after LHC Run 1 â€” interpreted in the phenomenological MSSM. Journal of High Energy Physics, 2015, 2015, 1.	4.7	55
107	GNAQ and GNA11 mutations occur in 9.5% of mucosal melanoma and are associated with poor prognosis. European Journal of Cancer, 2016, 65, 156-163.	2.8	55
108	Search for pair production of Higgs bosons in the $$ boverline{b}boverline{b} $$ 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

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109	Measurements of fiducial cross-sections for $$tar{t}$$ t t Â¯ production with one or two additional b-jets in pp collisions at $$sqrt{s}$$ s =8 TeVÂusing the ATLAS detector. European Physical Journal C, 2016, 76, 11.	3.9	54
110	Search for Higgs boson pair production in the $$gamma gamma WW^*$$ Î³ Î³ W W â^— channel using $$pp$$ pp collision data recorded at $$sqrt{s}$$ s $$=13$$ = 13 TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	3.9	53
111	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
112	Search for lepton-flavour-violating H â†' Î¼Ï„ decays of the Higgs boson with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
113	Measurement of the top quark mass in the $$tar{t}ightarrow ext{ lepton+jets } $$ t t Â¯ â†' lepton+jets and $$tar{t}ightarrow ext{ dilepton } $$ t t Â¯ â†' dilepton channels using $$sqrt{s}=7$$ s = 7 Â $${mathrm { TeV}}$$ TeV ATLAS data. European Physical Journal C, 2015, 75, 330.	3.9	52
114	Search for the direct production of charginos and neutralinos in final states with tau leptons in $$sqrt{s} = 13,mathrm{TeV}$$ s = 13 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.	3.9	52
115	A comprehensive approach to dark matter studies: exploration of simplified top-philic models. Journal of High Energy Physics, 2016, 2016, 1.	4.7	51
116	Search for minimal supersymmetric standard model Higgs Bosons HÂ/ÂA and for a $$Z^{prime }$$ Z â€² boson in the $$au au $$ Ï„ Ï„ final state produced in pp collisions at $$sqrt{s}= 13$$ s = 13 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	3.9	51
117	Measurement of the charged-particle multiplicity inside jets from $$sqrt{s}=8$$ s = 8 $${mathrm{TeV}}$$ TeV Âpp collisions with the ATLAS detector. European Physical Journal C, 2016, 76, 322.	3.9	51
118	Measurement of jet fragmentation in Pb+Pb and pp collisions at $$sqrt{{s_mathrm{NN}}} = 2.76$$ s NN = 2.76. European Physical Journal C, 2017, 77, 379.	3.9	51
119	Measurement of the azimuthal anisotropy of charged particles produced in $$sqrt{s_{_ext {NN}}}$$ s NN = 5.02ÂTeV Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 997.	3.9	51
120	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	3.9	50
121	Search for direct top squark pair production in final states with two leptons in $$sqrt{s} = 13$$ s = 13 TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 898.	3.9	50
122	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb $$^{-1}$$ - 1 of pp collisions at. European Physical Journal C, 2018, 78, 401.	3.9	50
123	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
124	Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	49
125	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
126	MicroRNA-23a-3p Inhibits Mucosal Melanoma Growth and Progression through Targeting Adenylate Cyclase 1 and Attenuating cAMP and MAPK Pathways. Theranostics, 2019, 9, 945-960.	10.0	49

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127	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
128	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fbâ^'1 of $$ sqrt{s}=13 $$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	48
129	Measurements of the production cross section of a $$Z$$ Z boson in association with jets in pp collisions at $$sqrt{s} = 13$$ s. European Physical Journal C, 2017, 77, 361.	3.9	47
130	Measurement of the top quark mass in the $$tar{t}ightarrow $$ t t Â¯ â†'. European Physical Journal C, 2019, 79, 1.	3.9	47
131	Prognostic factors for conjunctival melanoma: a study in ethnic Chinese patients. British Journal of Ophthalmology, 2015, 99, 990-996.	3.9	46
132	Study of the rare decays of $$B^0_s$$ B s 0 and $$B^0$$ B 0 into muon pairs from data collected during the LHC Run 1 with the ATLAS detector. European Physical Journal C, 2016, 76, 513.	3.9	46
133	Measurement of the Higgs boson coupling properties in the H â†' ZZâ^— â†' 4â„“ decay channel at $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	46
134	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
135	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $$ sqrt{mathrm{s}} $$ = 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	46
136	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
137	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
138	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at s = 13 $$ sqrt{s}=13 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	45
139	Measurement of the inclusive isolated prompt photon cross section in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	44
140	Search for charged Higgs bosons in the H Â± â†' tb decay channel in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	43
141	Search for single production of vector-like quarks decaying into Wb in pp collisions at $$sqrt{s} = 8$$ s = 8 ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 442.	3.9	43
142	Search for single top-quark production via flavour-changing neutral currents at 8ÂTeV with the ATLAS detector. European Physical Journal C, 2016, 76, 55.	3.9	43
143	Performance of top-quark and $$varvec{W}$$ W -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	3.9	42
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