

B Tong

List of Publications by Year in descending order

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364
papers

13,835
citations

²¹⁹¹⁷
59
h-index

⁴¹⁸⁴⁶
93
g-index

391
all docs

391
docs citations

391
times ranked

47270
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the ATLAS trigger system in 2015. European Physical Journal C, 2017, 77, 317.	4.0	521
2	Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 292.	4.0	467
3	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	2.6	403
4	Luminosity determination in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 653.	4.0	283
5	Measurement of the W-boson mass in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 110.	4.0	234
6	Performance of missing transverse momentum reconstruction with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 903.	4.0	196
7	Search for new high-mass phenomena in the dilepton final state using 36 fb ⁻¹ of proton-proton collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.8	176
8	Jet reconstruction and performance using particle flow with the ATLAS Detector. European Physical Journal C, 2017, 77, 466.	4.0	169
9	Precision measurement and interpretation of inclusive W^+W^- , W^+W^+ and W^-W^- . European Physical Journal C, 2017, 77, 367.	4.0	160
10	ATLAS b-jet identification performance and efficiency measurement with tt events in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	4.0	150
11	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.	4.0	145
12	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.	4.8	142
13	Structural instability of human tandemly repeated DNA sequences cloned in yeast artificial chromosome vectors. Nucleic Acids Research, 1990, 18, 1421-1428.	14.0	140
14	Search for doubly charged Higgs boson production in multi-lepton final states with the ATLAS detector using proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 199.	4.0	136
15	Search for electroweak production of supersymmetric particles in final states with two or three leptons at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 995.	4.0	133
16	Functional diversity through the mean trait dissimilarity: resolving shortcomings with existing paradigms and algorithms. Oecologia, 2016, 180, 933-940.	2.1	122
17	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb ⁻¹ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.8	118
18	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	4.0	117

#	ARTICLE	IF	CITATIONS
19	Ecstasy (MDMA) in Recreational Users: Self-Reported Psychological and Physiological Effects. <i>Human Psychopharmacology</i> , 1997, 12, 221-226.	1.7	114
20	Search for heavy resonances decaying into $W\bar{W}$ in the $e^+e^- \rightarrow \gamma^*/Z \rightarrow W\bar{W}$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018, 78, 24.	4.0	109
21	Search for heavy ZZ resonances in the $e^+e^- \rightarrow \gamma^*/Z \rightarrow ZZ$ final states using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018, 78, 293.	4.0	102
22	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. <i>European Physical Journal C</i> , 2017, 77, 195.	4.0	98
23	Progression of Cartilage Degradation, Bone Resorption and Pain in Rat Temporomandibular Joint Osteoarthritis Induced by Injection of Iodoacetate. <i>PLoS ONE</i> , 2012, 7, e45036.	2.5	93
24	Measurement of multi-particle azimuthal correlations in pp, pPb and low-multiplicity PbPb collisions with the ATLAS detector. <i>European Physical Journal C</i> , 2017, 77, 428.	4.0	91
25	Electron reconstruction and identification in the ATLAS experiment using the 2015 and 2016 LHC proton-proton collision data at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	4.0	91
26	Measurement of the prompt J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2017, 77, 76.	4.0	89
27	Thermally induced optical property changes in myocardium at 1.06 μm . <i>Lasers in Surgery and Medicine</i> , 1990, 10, 28-34.	2.1	87
28	Long-term Microvascular Disease Outcomes in Patients With Type 2 Diabetes After Bariatric Surgery: Evidence for the Legacy Effect of Surgery. <i>Diabetes Care</i> , 2016, 39, 1400-1407.	9.1	87
29	IL-1 β cleavage by inflammatory caspases of the noncanonical inflammasome controls the senescence-associated secretory phenotype. <i>Aging Cell</i> , 2019, 18, e12946.	6.8	86
30	Angular analysis of $B^0 \rightarrow K^* \mu^+ \mu^-$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.8	85
31	Isokinetic Thigh Muscle Strength After Ligament Reconstruction in the Knee Joint: Results from a 5-10 Year Follow-up After Reconstructions of the Anterior Cruciate Ligament in the Knee Joint. <i>International Journal of Sports Medicine</i> , 1981, 02, 7-11.	1.9	84
32	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2. <i>European Physical Journal C</i> , 2017, 77, 673.	4.0	82
33	Search for lepton-flavour-violating decays of the Higgs and Z bosons with the ATLAS detector. <i>European Physical Journal C</i> , 2017, 77, 70.	4.0	82
34	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. <i>European Physical Journal C</i> , 2018, 78, 565.	4.0	82
35	MPR25 is implicated in RNA editing of plastid <i>atpF</i> and mitochondrial <i>nad5</i> , and also promotes <i>atpF</i> splicing in Arabidopsis and rice. <i>Plant Journal</i> , 2015, 81, 661-669.	5.9	81
36	Search for dark matter at $\sqrt{s} = 13$ TeV in final states containing an energetic photon and large missing transverse momentum with the ATLAS detector. <i>European Physical Journal C</i> , 2017, 77, 393.	4.0	81

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37	Measurement of quarkonium production in proton–lead and proton–proton collisions at $\sqrt{s} = 5.02$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 171.	4.0	80
38	Measurement of the photon identification efficiencies with the ATLAS detector using LHC Run-1 data. European Physical Journal C, 2016, 76, 666.	4.0	78
39	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.	4.8	77
40	Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 392.	4.0	75
41	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton–proton collisions at the LHC. European Physical Journal C, 2017, 77, 332.	4.0	74
42	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.	4.8	74
43	Search for supersymmetry at $\sqrt{s} = 13$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. European Physical Journal C, 2016, 76, 259.	4.0	73
44	Evidence for the $H \rightarrow b\bar{b}$ decay with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.8	73
45	Search for resonances in diphoton events at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.8	72
46	Evaluation of the measurement properties of symptom measurement instruments for atopic eczema: a systematic review. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 146-163.	6.1	71
47	Understanding Model Crude Oil Component Interactions on Kaolinite Silicate and Aluminol Surfaces: Toward Improved Understanding of Shale Oil Recovery. Energy & Fuels, 2018, 32, 1155-1165.	5.2	69
48	A search for pair-produced resonances in four-jet final states at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.	4.0	69
49	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.	4.0	69
50	The Local Economic and Welfare Consequences of Hydraulic Fracturing. American Economic Journal: Applied Economics, 2019, 11, 105-155.	3.0	69
51	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.0. European Physical Journal C, 2018, 78, 142.	4.0	65
52	Sol-sol structural transition of aqueous agarose systems. Biopolymers, 1986, 25, 2255-2269.	2.6	64
53	Charged-particle distributions at low transverse momentum in $\sqrt{s} = 13$ TeV pp interactions measured with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 502.	4.0	62
54	Performance of algorithms that reconstruct missing transverse momentum in $\sqrt{s} = 8$ TeV proton–proton collisions in the ATLAS detector. European Physical Journal C, 2017, 77, 241.	4.0	62

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55	Search for charged Higgs bosons decaying via $H_{\pm} \rightarrow \tau^+ \bar{\nu}_{\tau} + \tau^+ \bar{\nu}_{\tau} + \tau^+ \bar{\nu}_{\tau} + \tau^+ \bar{\nu}_{\tau}$, in the $\tau^+ \nu_{\tau}$ jets and $\tau^+ \nu_{\tau}$ 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.	4.8	62
56	Search for dark matter produced in association with bottom or top quarks in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 18.	4.0	62
57	Search for doubly charged scalar bosons decaying into same-sign W boson pairs with the ATLAS detector. European Physical Journal C, 2019, 79, 58.	4.0	62
58	The canine betaine gamma-amino-n-butyric acid transporter gene: diverse mRNA isoforms are regulated by hypertonicity and are expressed in a tissue-specific manner.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 1072-1076.	7.6	60
59	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.	4.8	60
60	Fiducial, total and differential cross-section measurements of t-channel single top-quark production in pp collisions at 8 TeV using data collected by the ATLAS detector. European Physical Journal C, 2017, 77, 531.	4.0	59
61	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.	4.0	59
62	Effect of prolonged freezing of semen on exosome recovery and biologic activity. Scientific Reports, 2017, 7, 45034.	3.4	58
63	Search for the direct production of charginos and neutralinos in final states with tau leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.	4.0	57
64	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.	4.8	57
65	Multiperture UBVRIZ JHK Photometry of Galaxies in the Coma Cluster. Astrophysical Journal, Supplement Series, 2007, 169, 225-238.	8.1	56
66	Hansen Solubility Parameters: A Tool for Solvent Selection for Organosolv Delignification. Industrial & Engineering Chemistry Research, 2019, 58, 14520-14527.	3.8	56
67	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.	4.8	56
68	The possible association between epigenetic aberration in DNA methylation in RELN and psychiatric disorders. Molecular Psychiatry, 2007, 12, 519-519.	8.2	55
69	Measurement of jet fragmentation in Pb+Pb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 379.	4.0	55
70	Non-knee-spanning muscles contribute to tibiofemoral shear as well as valgus and rotational joint reaction moments during unanticipated sidestep cutting. Scientific Reports, 2018, 8, 2501.	3.4	54
71	Search for Higgs boson pair production in the $\gamma\gamma \rightarrow W^+W^-$ channel using $\sqrt{s} = 13$ TeV pp collision data recorded at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	4.0	54
72	Measurement of the charged-particle multiplicity inside jets from $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2016, 76, 322.	4.0	53

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73	Measurement of the top quark mass in the $t \rightarrow t \hat{A} \hat{A}^\dagger$. European Physical Journal C, 2019, 79, 1.	4.0	53
74	Search for minimal supersymmetric standard model Higgs Bosons $H_{\hat{A}/\hat{A}}$ and for a Z^{\prime} boson in the $u \bar{u}, \bar{d} d$, final state produced in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	4.0	52
75	Measurements of the production cross section of a Z boson in association with jets in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 361.	4.0	52
76	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.	4.8	52
77	Performance of top-quark and W -boson tagging with ATLAS in Run 2 of the LHC. European Physical Journal C, 2019, 79, 1.	4.0	52
78	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.	4.0	51
79	Search for direct top squark pair production in final states with two leptons in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2017, 77, 898.	4.0	51
80	Measurement of the Higgs boson coupling properties in the $H \rightarrow Z \bar{A} \hat{A}^\dagger$ decay channel at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.8	51
81	A monoclonal antibody to aromatic amino acid hydroxylases. Identification of the epitope. Biochemical Journal, 1988, 255, 193-196.	3.8	50
82	Site-directed Mutagenesis of 2,4-Dichlorophenoxyacetic Acid/ \pm -Ketoglutarate Dioxygenase. Journal of Biological Chemistry, 2000, 275, 12400-12409.	3.5	50
83	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 401.	4.0	50
84	Search for top-squark pair production in final states with one lepton, jets, and missing transverse momentum using 36 fb^{-1} of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.8	50
85	Hall Effect on Couple Stress 3D Nanofluid Flow Over an Exponentially Stretched Surface With Cattaneo Christov Heat Flux Model. IEEE Access, 2019, 7, 64844-64855.	4.4	50
86	Isoindigo derivatives for application in p-type dye sensitized solar cells. RSC Advances, 2015, 5, 85530-85539.	3.7	49
87	Manipulation of SLMXI for enhanced carotenoids accumulation and drought resistance in tomato. Science Bulletin, 2016, 61, 1413-1418.	11.1	49
88	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.8	48
89	Study of the rare decays of $B^0 \rightarrow s B^0$ and $B^0 \rightarrow B^0$ into muon pairs from data collected during the LHC Run 1 with the ATLAS detector. European Physical Journal C, 2016, 76, 513.	4.0	48
90	Search for a scalar partner of the top quark in the jets plus missing transverse momentum final state at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.8	48

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91	Reservoirs and Radiocarbon: ^{14}C Dating Problems in M \ddot{A} vatnssveit, Northern Iceland. Radiocarbon, 2007, 49, 947-961.	2.1	47
92	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.	4.0	47
93	Measurement of $W^{\pm}Z$ production cross sections and gauge boson polarisation in pp collisions at $\sqrt{s} = 13\text{--}14\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	4.0	46
94	The ultrastructure of the male accessory reproductive glands of the colorado beetle. Cell and Tissue Research, 1972, 130, 545-552.	3.0	45
95	Fluorescence properties of organic ligands for copper(II) in Lake Biwa and its rivers.. Geochemical Journal, 2001, 35, 333-346.	0.9	45
96	Search for charged Higgs bosons in the $H \rightarrow \tau^+ \tau^-$ decay channel in pp collisions at $\sqrt{s} = 8\text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.8	45
97	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 442.	4.0	44
98	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at $\sqrt{s} = 8\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.8	44
99	Electron and photon energy calibration with the ATLAS detector using 2015–2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	1.3	44
100	Molecular and Microdomain Orientation in Semicrystalline Block Copolymer Thin Films by Directional Crystallization of the Solvent and Epitaxy. Macromolecular Chemistry and Physics, 2003, 204, 1514-1523.	2.4	43
101	Curvilinear-Coordinate-Based Object and Situation Assessment for Highly Automated Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1559-1575.	8.4	43
102	Measurement of the $t\bar{t}Z$ and $t\bar{t}W$ production cross sections in multilepton final states using 3.2 fb $^{-1}$ of pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2017, 77, 40.	4.0	43
103	Search for pair production of vector-like top quarks in events with one lepton, jets, and missing transverse momentum in $\sqrt{s} = 13\text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.8	43
104	Measurements of b-jet tagging efficiency with the ATLAS detector using $t\bar{t}$ events at $\sqrt{s} = 13\text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	4.8	43
105	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 pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	4.0	43
106	Rhythmic priming enhances speech production abilities: Evidence from prelingually deaf children.. Neuropsychology, 2015, 29, 102-107.	1.2	42
107	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with two charged leptons and two jets at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.8	42
108	Toxicity of motor neurone disease serum for myelin in tissue culture.. BMJ: British Medical Journal, 1965, 2, 1399-1401.	5.6	41

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109	A Three-Dimensional Complex with a One-Dimensional Cobalt-Hydroxyl Chain Based on Planar Nonanuclear Clusters Showing Spin-Canted Antiferromagnetism. <i>Inorganic Chemistry</i> , 2015, 54, 3331-3336.	4.2	41
110	Measurements of $\tilde{\chi}(2S)$ and $X(3872) \rightarrow J/\psi + \tilde{\chi}^0$ production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.8	41
111	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb^{-1} of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.8	41
112	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2019, 79, 1.	4.0	41
113	Search for pair production of heavy vector-like quarks decaying to high-p T W bosons and b quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.8	40
114	Search for Higgs boson pair production in the $\gamma\gamma$ final state with 13 TeV pp collision data collected by the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.8	39
115	Search for supersymmetry in final states with missing transverse momentum and multiple b-jets in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.8	39
116	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. <i>European Physical Journal C</i> , 2019, 79, 1.	4.0	39
117	Development of an analytical method to quantify PBDEs, OH-BDEs, HBCDs, 2,4,6-TBP, EH-TBB, and BEH-TEBP in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2449-2459.	3.9	38
118	Dectin-1 plays an important role in host defense against systemic <i>Candida glabrata</i> infection. <i>Virulence</i> , 2017, 8, 1643-1656.	4.5	38
119	Identification and rejection of pile-up jets at high pseudorapidity with the ATLAS detector. <i>European Physical Journal C</i> , 2017, 77, 580.	4.0	38
120	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. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.8	38
121	MARCH5 requires MTCH2 to coordinate proteasomal turnover of the MCL1:NOXA complex. <i>Cell Death and Differentiation</i> , 2020, 27, 2484-2499.	11.3	38
122	Search for bottom squark pair production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2016, 76, 547.	4.0	37
123	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at $\sqrt{s} = 8$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.8	37
124	Measurement of the W boson polarisation in $t\bar{t}$ events from pp collisions at $\sqrt{s} = 8$ TeV in the lepton+jets channel with ATLAS. <i>European Physical Journal C</i> , 2017, 77, 264.	4.0	37
125	Searches for the $Z\tilde{1}^3$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.8	35
126	Search for supersymmetry in final states with two same-sign or three leptons and jets using 36 fb^{-1} of $\sqrt{s} = 13$ TeV pp collision data with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.8	35

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127	Determination of the strong coupling constant α_s from transverse energy-energy correlations in multijet events at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 872.	4.0	35
128	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.	4.0	34
129	Antifungal activity of carrageenan extracts from the red alga <i>Chondracanthus teedei</i> var. <i>lusitanicus</i> . Journal of Applied Phycology, 2016, 28, 2991-2998.	2.9	32
130	Measurement of inclusive and differential cross sections in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.8	32
131	Measurement of the Drell-Yan triple-differential cross section in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.8	32
132	Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton events with the ATLAS detector at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.8	32
133	Acceptability of self-sampling and human papillomavirus testing among non-attenders of cervical cancer screening programs in El Salvador. Preventive Medicine, 2018, 114, 149-155.	3.5	32
134	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.	4.8	32
135	In situ calibration of large-radius jet energy and mass in $\sqrt{s}=13$ TeV proton-proton collisions with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	4.0	32
136	Study of hard double-parton scattering in four-jet events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	4.8	31
137	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 565.	4.0	31
138	Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2017, 2017, 1.	4.8	31
139	Search for W / W / Z resonance production in $\ell\ell$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.8	31
140	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow aa \rightarrow 4b$ channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.8	31
141	Fluctuations of anisotropic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.8	31
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