

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	Literaturverzeichnis. , 2024, , 517-547.		0
2	The roles and mechanisms of endoplasmic reticulum stress-mediated autophagy in animal viral infections. <i>Veterinary Research</i> , 2024, 55, .	3.1	0
3	Direct Cardiac Reprogramming in the Age of Computational Biology. <i>Journal of Cardiovascular Development and Disease</i> . 2024. 11. 273.	1.7	0
4	Measurement of the inclusive $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi} \rangle \text{t} \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle \text{t} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \hat{\text{A}} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle \text{ production cross section in the } \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{lepton} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mtext} \rangle \text{jets} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{ channel in } \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="} \rangle$. Physical Review D.	4.8	0
5	Characterization, source apportionment and risk assessment of PAHs in urban surface dust in Shenyang city, China. <i>Environmental Geochemistry and Health</i> , 2022, 44, 3639-3654.	3.6	6
6	Two-particle Bose-Einstein correlations in \sqrt{s} collisions at $\sqrt{s} = 13$ TeV measured with the ATLAS detector at the LHC. <i>European Physical Journal C</i> , 2022, 82, .	4.0	4
7	Hypopigmented mycosis fungoides: A 48-case retrospective series. <i>Australasian Journal of Dermatology</i> , 2021, 62, e419-e420.	0.8	4
8	A comparison of the different anthropometric indices for assessing malnutrition among older people in Turkey: a large population-based screening. <i>Journal of Health, Population and Nutrition</i> , 2021, 40, 13.	2.0	17
9	Plasma Proteins As Biodosimetric Markers of Low-Dose Radiation in Mice. <i>Dose-Response</i> , 2021, 19, 155932582110162.	1.7	2
10	Measurement of the CP-violating phase ϕ_{s} in $B_{s}^{0} \rightarrow J/\psi \phi$ decays in ATLAS at 13 TeV. <i>European Physical Journal C</i> , 2021, 81, .	4.0	17
11	Measurement of single top-quark production in association with a W boson in the single-lepton channel at $\sqrt{s} = 8, \sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2021, 81, 1.	4.0	4
12	Serum miRNA125a-5p, miR-125b-5p, and miR-433-5p as biomarkers to differentiate between posterior circulation stroke and peripheral vertigo. <i>BMC Neurology</i> , 2020, 20, 372.	1.8	11
13	Rare case of circumferential esophageal peeling. <i>Clinical Case Reports (discontinued)</i> , 2020, 8, 1306-1308.	0.5	0
14	Fluctuations of anisotropic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.8	31
15	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 $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2020, 80, 1.	4.0	43
16	Measurement of differential cross sections for single diffractive dissociation in $\sqrt{s} = 8$ TeV pp collisions using the ATLAS ALFA spectrometer. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.8	8
17	Measurement of isolated-photon plus two-jet production in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.8	4
18	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. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.8	24

#	ARTICLE	IF	CITATIONS
19	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.	4.8	13
20	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
21	Drug overdose mortality is associated with employment status and occupation in the National Longitudinal Mortality Study. American Journal of Drug and Alcohol Abuse, 2020, 46, 769-776.	2.2	17
22	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.	4.8	6
23	Measurements of top-quark pair spin correlations in the $t\bar{t}$ channel at $\sqrt{s} = 13$ TeV using pp collisions in the ATLAS detector. European Physical Journal C, 2020, 80, 1.	4.0	24
24	Discovery and Biochemical Characterization of a Methanol Dehydrogenase From Lysinibacillus xylanilyticus. Frontiers in Bioengineering and Biotechnology, 2020, 8, 67.	4.2	14
25	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.	4.8	20
26	Search for dijet resonances in events with an isolated charged lepton using $\sqrt{s} = 13$ TeV proton-proton collision data collected by the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.8	8
27	A question is "what are the optimal targets for anticoagulant therapies?". Journal of Intensive Care, 2020, 8, 17.	2.9	2
28	MARCH5 requires MTCH2 to coordinate proteasomal turnover of the MCL1:NOXA complex. Cell Death and Differentiation, 2020, 27, 2484-2499.	11.3	38
29	Measurement of the $Z(\tau^+\tau^-\tau^+\tau^-)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	4.8	11
30	Measurement of long-range two-particle azimuthal correlations in Z-boson tagged pp collisions at $\sqrt{s} = 8$ and 13 TeV. European Physical Journal C, 2020, 80, 1.	4.0	6
31	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.	4.8	11
32	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
33	NIH BRAIN Circuits Programs: An Experiment in Supporting Team Neuroscience. Neuron, 2020, 108, 1020-1024.	8.0	5
34	Performance of electron and photon triggers in ATLAS during LHC Run 2. European Physical Journal C, 2020, 80, 1.	4.0	117
35	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
36	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.	4.0	23

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37	Musculoskeletal Health in Premature Ovarian Insufficiency. Part Two: Bone. Seminars in Reproductive Medicine, 2020, 38, 289-301.	1.2	4
38	Determination of jet calibration and energy resolution in proton-proton collisions at $\sqrt{s} = 8\text{-TeV}$ using the ATLAS detector. European Physical Journal C, 2020, 80, 1.	4.0	17
39	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s} = 13\text{ TeV}$ pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.8	52
40	Search for long-lived neutral particles in pp collisions at $\sqrt{s} = 13\text{-TeV}$ that decay into displaced hadronic jets in the ATLAS calorimeter. European Physical Journal C, 2019, 79, 1.	4.0	29
41	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s} = 13\text{ TeV}$. Journal of High Energy Physics, 2019, 2019, 1.	4.8	23
42	Search for large missing transverse momentum in association with one top-quark in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.8	9
43	Measurement of $W^{\pm}Z$ production cross sections and gauge boson polarisation in pp collisions at $\sqrt{s} = 13\text{-TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	4.0	46
44	Hansen Solubility Parameters: A Tool for Solvent Selection for Organosolv Delignification. Industrial & Engineering Chemistry Research, 2019, 58, 14520-14527.	3.8	56
45	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	2.6	403
46	Searches for third-generation scalar leptoquarks in $\sqrt{s} = 13\text{ TeV}$ pp collisions with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.8	32
47	Joint optimization of workforce scheduling and routing for restoring a disrupted critical infrastructure. Reliability Engineering and System Safety, 2019, 191, 106551.	9.1	23
48	Search for scalar resonances decaying into $\tau^+\tau^-$ in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.8	16
49	Impact of an early childhood intervention on the home environment, and subsequent effects on child cognitive and emotional development: A secondary analysis. PLoS ONE, 2019, 14, e0219133.	2.5	22
50	Dynamic response of a cracked rotor-bearing-seal system. MATEC Web of Conferences, 2019, 288, 01006.	0.2	1
51	Search for diboson resonances in hadronic final states in 139 fb^{-1} of pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.8	22
52	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} = 13\text{-TeV}$ with the ATLAS experiment at the LHC. European Physical Journal C, 2019, 79, .	4.0	4
53	Measurement of the cross-section and charge asymmetry of W bosons produced in proton-proton collisions at $\sqrt{s}=8\text{-TeV}$ with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	4.0	30
54	Measurement of jet-substructure observables in top quark, W boson and light jet production in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	4.8	20

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55	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.	4.0	91
56	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.	4.0	3
57	Response by Quan et al to Letter Regarding Article, "Validation of Wall Enhancement as a New Imaging Biomarker of Unruptured Cerebral Aneurysms". Stroke, 2019, 50, e306.	5.3	1
58	The Local Economic and Welfare Consequences of Hydraulic Fracturing. American Economic Journal: Applied Economics, 2019, 11, 105-155.	3.0	69
59	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.	4.8	30
60	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.	4.8	22
61	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.	4.0	18
62	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
63	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
64	Measurements of inclusive and differential fiducial cross-sections of $\text{t}\gamma$ production in leptonic final states at $\sqrt{s} = 13$ TeV in ATLAS. European Physical Journal C, 2019, 79, 1.	4.0	15
65	Visualization of Germinosomes and the Inner Membrane in <i>Bacillus subtilis</i> Spores. Journal of Visualized Experiments, 2019, , .	0.3	11
66	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
67	IL-1 β cleavage by inflammatory caspases of the noncanonical inflammasome controls the senescence-associated secretory phenotype. Aging Cell, 2019, 18, e12946.	6.8	86
68	Video-head impulse test results in patients with Meniere's disease related to duration and stage of disease. Journal of Vestibular Research: Equilibrium and Orientation, 2019, 28, 401-407.	2.2	18
69	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
70	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.	4.8	42
71	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.	4.0	32
72	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

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73	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.	4.8	8
74	Measurement of the top quark mass in the $t \rightarrow t \gamma$. European Physical Journal C, 2019, 79, 1.	4.0	53
75	The expression of genes involved in excitatory and inhibitory neurotransmission in turtle (Trachemys Tj ETQq1 1 0.784314 rgBT /Ove preparatory cue for anoxia survival. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 30, 55-70.	1.1	11
76	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
77	A strategy for a general search for new phenomena using data-derived signal regions and its application within the ATLAS experiment. European Physical Journal C, 2019, 79, 1.	4.0	26
78	Measurement of the top-quark mass in $t + 1$ -jet events collected with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.8	29
79	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.	4.0	27
80	Measurement of ZZ production in the $\gamma\gamma$ final state with the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.8	6
81	Measurement of W^{\pm} -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.	4.0	9
82	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
83	Measurement of W^{\pm} boson production in Pb+Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ -ext {TeV}ext {V} with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	4.0	19
84	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.	4.0	150
85	Measurement of flow harmonics correlations with mean transverse momentum in lead-lead and proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ -hbox {TeV} with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	4.0	41
86	Measurements of top-quark pair differential and double-differential cross-sections in the $ell + jets$ channel with pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. European Physical Journal C, 2019, 79, 1.	4.0	39
87	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.	4.8	21
88	Ecological health assessment of a coastal ecosystem: Case study of the largest brackish water lagoon of Asia. Marine Pollution Bulletin, 2019, 138, 352-363.	5.0	19
89	Anti-anginal drugs: Systematic review and clinical implications. International Journal of Cardiology, 2019, 283, 55-63.	1.6	24
90	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.	4.8	7

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91	Measurement of S^0 and Λ^0 production in $ar\{t\}$ dileptonic events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	4.0	5
92	Early first trimester maternal high fish and olive oil and low meat dietary pattern is associated with accelerated human embryonic development. European Journal of Clinical Nutrition, 2018, 72, 1655-1662.	2.9	14
93	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
94	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb^{-1} of pp collisions at $s = 13\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.8	118
95	Measurement of the cross-section for producing a W boson in association with a single top quark in pp collisions at $s = 13\sqrt{s} = 13$ TeV with ATLAS. Journal of High Energy Physics, 2018, 2018, 1.	4.8	19
96	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
97	Carcinoma sebáico simulando un chalazián en paciente joven. Archivos De La Sociedad Espanola De Oftalmologia, 2018, 93, e56-e57.	0.3	1
98	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
99	Search for new phenomena in high-mass final states with a photon and a jet from pp collisions at \sqrt{s} s. European Physical Journal C, 2018, 78, 102.	4.0	13
100	Search for the direct production of charginos and neutralinos in final states with tau leptons in $\sqrt{s} = 13\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 154.	4.0	57
101	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
102	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
103	Measurement of differential cross-sections of a single top quark produced in association with a W boson at $\sqrt{s} = 13\sqrt{s} = 13$ TeV with ATLAS. European Physical Journal C, 2018, 78, 186.	4.0	20
104	Search for heavy ZZ resonances in the $ell^+ell^-ell^+ell^-$, $ell^+ell^-ell^+ell^-$ and $ell^+ell^-u\bar{u}$ final states using proton-proton collisions at $\sqrt{s} = 13\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	4.0	102
105	A search for pair-produced resonances in four-jet final states at $\sqrt{s} = 13\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 250.	4.0	69
106	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 $\sqrt{s} = 13\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.8	41
107	Search for heavy resonances decaying into WW in the $e\mu u e^{1/2} \hat{1}/2$ final state in pp collisions at $\sqrt{s} = 13\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.	4.0	109
108	Direct top-quark decay width measurement in the $\mathbf{t} \rightarrow \tau^+ \nu_\tau$ lepton+jets channel at $\sqrt{s} = 8\sqrt{s} = 8$ TeV with the ATLAS experiment. European Physical Journal C, 2018, 78, 129.	4.0	19

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109	Search for $W W/W Z$ resonance production in $\hat{\gamma}, \hat{\gamma}^*/2q\bar{q}$ 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
110	Measurement of the Higgs boson coupling properties in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.8	51
111	Stem cell-like populations and immunoregulatory molecules in periodontal granulation tissue. Journal of Periodontal Research, 2018, 53, 610-621.	2.8	22
112	Distribution, genetic diversity and antimicrobial resistance of clinically important bacteria from the environment of a tertiary hospital in Malaysia. Journal of Global Antimicrobial Resistance, 2018, 14, 132-140.	2.5	18
113	Optimal wastewater treatment using a packed-bed electrode reactor (PBER): From laboratory experiments to industrial-scale approaches. Chemical Engineering Journal, 2018, 334, 707-713.	13.0	21
114	Search for the Higgs boson produced in association with a vector boson and decaying into two spin-zero particles in the $H \rightarrow a a \rightarrow 4b$ channel in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.8	31
115	Measurement of the $Z\gamma \rightarrow u\bar{u}\gamma$ 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.	4.8	13
116	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.	4.0	22
117	Search for Higgs boson pair production in the $\gamma\gamma \rightarrow W W^* \rightarrow W W \rightarrow 4\ell$ channel using pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 1007.	4.0	54
118	Measurement of colour flow using jet-pull observables in $t\bar{t}$ events with the ATLAS experiment at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 847.	4.0	18
119	Angular analysis of $B_0 \rightarrow \bar{K}^* \mu^+ \mu^-$ decays in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.8	85
120	Search for a new heavy gauge-boson resonance decaying into a lepton and missing transverse momentum in 36 fb^{-1} of pp collisions at. European Physical Journal C, 2018, 78, 401.	4.0	50
121	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.	4.8	30
122	Measurements of differential cross sections of top quark pair production in association with jets in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	4.8	13
123	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.	4.8	39
124	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
125	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
126	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

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127	Game Theoretical Demand Response Management and Short-Term Load Forecasting by Knowledge Based Systems on the basis of Priority Index. Electronics (Switzerland), 2018, 7, 431.	3.2	11
128	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
129	Operation and performance of the ATLAS Tile Calorimeter in Run 1. European Physical Journal C, 2018, 78, 987.	4.0	26
130	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. Journal of High Energy Physics, 2018, 2018, 1.	4.8	39
131	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.	4.8	27
132	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
133	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
134	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.	4.8	16
135	Search for charged Higgs bosons decaying via $H^{\pm} \rightarrow \tilde{l}_n \tilde{l}_m^{*} / 2 \tilde{l}_n$, in the \tilde{l}_n +jets and \tilde{l}_n +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
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