

You Zhou

List of Publications by Year in descending order

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228
papers

8,635
citations

44069

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6859
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#	ARTICLE	IF	CITATIONS
1	Performance of the ATLAS Level-1 topological trigger in Run 2. European Physical Journal C, 2022, 82, 1.	3.9	6
2	Measurement of the c-jet mistagging efficiency in $t\bar{t}$ events using pp collision data at $\sqrt{s}=13\text{ TeV}$ collected with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	14
3	Search for exotic decays of the Higgs boson into $b\bar{b}$ and missing transverse momentum in pp collisions at $\sqrt{s} = 13\text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
4	Observation of electroweak production of two jets in association with an isolated photon and missing transverse momentum, and search for a Higgs boson decaying into invisible particles at 13 TeV with the ATLAS detector. European Physical Journal C, 2022, 82, 1.	3.9	8
5	Prompt D_0 , D^+ , and D^{*+} production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02\text{ TeV}$. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
6	Search for Higgs bosons decaying into new spin-0 or spin-1 particles in four-lepton final states with the ATLAS detector with 139 fb^{-1} of pp collision data at $\sqrt{s} = 13\text{ TeV}$. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
7	AtlFast3: The Next Generation of Fast Simulation in ATLAS. Computing and Software for Big Science, 2022, 6, 1.	2.9	23
8	Measurement of the energy response of the ATLAS calorimeter to charged pions from $W^{\pm} \rightarrow \mu^{\pm} \nu_{\mu} (\rightarrow \pi^{\pm} \nu_{\mu}) u_{\text{au}} \bar{u}_{\text{au}}$ events in Run 2 data. European Physical Journal C, 2022, 82, 1.	3.9	4
9	The ATLAS inner detector trigger performance in pp collisions at 13 TeV during LHC Run 2. European Physical Journal C, 2022, 82, 1.	3.9	5
10	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02\text{ TeV}$. European Physical Journal C, 2022, 82, 1.	3.9	7
11	Search for flavour-changing neutral-current interactions of a top quark and a gluon in pp collisions at $\sqrt{s}=13\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2022, 82, .	3.9	7
12	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13\text{ TeV}$. European Physical Journal C, 2022, 82, 1.	3.9	6
13	Measurement of the energy asymmetry in $t\bar{t}$ production at 13 TeV with the ATLAS experiment and interpretation in the SMEFT framework. European Physical Journal C, 2022, 82, .	3.9	2
14	Determination of the parton distribution functions of the proton using diverse ATLAS data from pp collisions at $\sqrt{s} = 7, 8$ and 13 TeV . European Physical Journal C, 2022, 82, 1.	3.9	12
15	One fluid might not rule them all. Nuclear Physics A, 2021, 1005, 121908.	1.5	2
16	Centrality dependence of J/ψ and $\psi(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16\text{ TeV}$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
17	Generic algorithm for multiparticle cumulants of azimuthal correlations in high energy nucleus collisions. Physical Review C, 2021, 103, .	2.9	14
18	Measurements of WH and ZH production in the $H \rightarrow \bar{b}b$ decay channel in pp collisions at $13, 14\text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	38

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19	Measurement of light-by-light scattering and search for axion-like particles with 2.2 nb ⁻¹ of Pb+Pb data with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	19
20	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
21	Search for pair production of scalar leptoquarks decaying into first- or second-generation leptons and top quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	18
22	Long- and short-range correlations and their event-scale dependence in high-multiplicity pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
23	Measurement of beauty and charm production in pp collisions at $\sqrt{s} = 5.02$ TeV via non-prompt and prompt D mesons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
24	Search for supersymmetry in events with four or more charged leptons in 139 fb ⁻¹ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
25	Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
26	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s} = 5.02, 7$ and 13 TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
27	Coherent ρ/ψ and ω/ψ' photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	18
28	Investigations on mixed harmonic cumulants in heavy-ion collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2021, 104, .	2.9	5
29	Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
30	Measurements of top-quark pair single- and double-differential cross-sections in the all-hadronic channel in pp collisions at $\sqrt{s} = 13$ TeV using the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
31	Jet fragmentation transverse momentum distributions in pp and p-Pb collisions at $\sqrt{s}, \sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
32	K_S^0 - and (anti-) Λ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	1
33	First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
34	Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
35	Measurement of the production cross section of prompt χ_{c}^0 baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
36	Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12

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37	Charged-particle multiplicity fluctuations in Pb–Pb collisions at $\sqrt{s_{\text{NN}}}$ = 2.76 TeV. European Physical Journal C, 2021, 81, 1.	3.9	2
38	Search for R-parity-violating supersymmetry in a final state containing leptons and many jets with the ATLAS experiment using $\sqrt{s} = 13$ TeV proton–proton collision data. European Physical Journal C, 2021, 81, 1.	3.9	7
39	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
40	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
41	Measurement of the production cross section of pairs of isolated photons in pp collisions at 13 TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
42	Search for exotic decays of the Higgs boson into long-lived particles in pp collisions at $\sqrt{s} = 13$ TeV using displaced vertices in the ATLAS inner detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
43	Search for chargino–neutralino pair production in final states with three leptons and missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	3.9	28
44	Configuration and performance of the ATLAS b-jet triggers in Run 2. European Physical Journal C, 2021, 81, 1.	3.9	7
45	Inclusive χ/ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
46	Measurement of b-quark fragmentation properties in jets using the decay $B \rightarrow \tau^+ J/\psi K^{\pm}$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
47	J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
48	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
49	Multiplicity dependence of π , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
50	Azimuthal correlations of prompt D mesons with charged particles in pp and p–Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11
51	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
52	J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
53	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
54	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and p–Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10

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55	Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
56	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
57	Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
58	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.	3.9	5
59	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	49
60	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
61	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
62	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
63	Searching for small droplets of hydrodynamic fluid in proton-proton collisions at the LHC. European Physical Journal C, 2020, 80, 1.	3.9	14
64	Production of ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
65	Charged-particle pseudorapidity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
66	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
67	Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	9
68	Search for excited electrons singly produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS experiment at the LHC. European Physical Journal C, 2019, 79, .	3.9	4
69	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, .	3.9	21
70	Collective Effects in Nuclear Collisions: Experimental Overview. Nuclear Physics A, 2019, 982, 71-77.	1.5	2
71	Measurement of the production of charm jets tagged with D^0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
72	Production of muons from heavy-flavour hadron decays in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	4

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73	Measurement of \mathcal{D}^0 , \mathcal{D}^+ , \mathcal{D}^{*+} and \mathcal{D}_s^+ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
74	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s} = 7$ TeV pp and $\sqrt{s_{NN}} = 5.02$ TeV Pb-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
75	Energy dependence of exclusive \mathcal{J}/ψ photoproduction off protons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
76	Electron and photon energy calibration with the ATLAS detector using 2015-2016 LHC proton-proton collision data. Journal of Instrumentation, 2019, 14, P03017-P03017.	1.2	37
77	Relative particle yield fluctuations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
78	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
79	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
80	Measurement of prompt \mathcal{D}^0 , \mathcal{D}^+ , \mathcal{D}^{*+} , and \mathcal{D}_s^+ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
81	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
82	Measurement of the inclusive isolated photon production cross section in $\sqrt{s} = 7$ TeV collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
83	Measurement of S^0 and Λ^0 production in dileptonic events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. European Physical Journal C, 2019, 79, 1.	3.9	4
84	J/ψ production as a function of charged-particle pseudorapidity density in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 91-104.	4.1	19
85	First measurement of jet mass in Pb-Pb and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	4.1	39
86	Importance of non-flow in mixed-harmonic multi-particle correlations in small collision systems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 201-206.	4.1	30
87	Measurement of longitudinal flow decorrelations in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.0 TeV. European Physical Journal C, 2018, 78, 142.	3.9	59
88	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
89	Measurement of \mathcal{D}^0 , \mathcal{D}^+ , \mathcal{D}^{*+} and \mathcal{D}_s^+ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
90	Measurement of the azimuthal anisotropy of charged particles produced in $\sqrt{s_{NN}} = 5.02$ TeV Pb+Pb collisions with the ATLAS detector. European Physical Journal C, 2018, 78, 997.	3.9	51

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91	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
92	Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. Journal of High Energy Physics, 2018, 2018, 1.	4.7	97
93	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
94	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
95	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
96	Neutral pion and η meson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	31
97	ϕ meson production at forward rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	3
98	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
99	Λ_c production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
100	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ s. European Physical Journal C, 2018, 78, 1.	3.9	13
101	Prompt and non-prompt J/ψ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
102	π^0 and η meson production in proton-proton collisions at $\sqrt{s}=8$ s = 8 TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
103	Hydrodynamic collectivity in proton-proton collisions at 13 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 495-500.	4.1	52
104	J/ψ suppression at forward rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	3.9	92
105	Production of mesons from heavy-flavor hadron decays and high- p_T collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 159-172.	3.9	6
106	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
107	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s}=0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
108	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=7$ TeV and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23

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109	W and Z boson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
110	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2017, 96, .	2.9	10
111	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	7.8	13
112	Correlations of flow harmonics in $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV Pb-Pb collisions. Physical Review C, 2017, 95, .	2.9	38
113	Measurement of the production of high- p_T electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.	2.9	24
114	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.	2.9	68
115	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	2.9	86
116	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
117	Probing non-linearity of higher order anisotropic flow in Pb-Pb collisions. Nuclear Physics A, 2017, 967, 377-380.	1.5	1
118	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
119	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	7.8	8
120	Collective flow and hydrodynamics in large and small systems at the LHC. Nuclear Science and Techniques/Hewuli, 2017, 28, 1.	3.4	92
121	Addendum to: Centrality dependence of high- p_T D-meson suppression in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	6
122	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12
123	Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28
124	Energy dependence of forward-rapidity J/ψ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
125	Production of $\Sigma(1385)^\pm$. European Physical Journal C, 2017, 77, 389.	3.9	36
126	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44

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127	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7, \text{ and } 8 \text{ TeV}$. European Physical Journal C, 2017, 77, 1.	3.9	32
128	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
129	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2017, 77, 1.	3.9	31
130	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	40
131	Investigating the correlations of flow harmonics in 2.76A TeV Pb-Pb collisions. Journal of Physics: Conference Series, 2017, 779, 012062.	0.4	0
132	Anisotropic flow measurements in Pb-Pb collisions at $\sqrt{s} = 5.02 \text{ TeV}$ with ALICE. Journal of Physics: Conference Series, 2017, 779, 012055.	0.4	0
133	Overview of recent azimuthal correlation measurements from ALICE. EPJ Web of Conferences, 2017, 164, 01019.	0.3	0
134	Overview of anisotropic flow measurements from ALICE. EPJ Web of Conferences, 2016, 117, 03017.	0.3	0
135	Is hadronic flow produced in Pb-Pb collisions at the Large Hadron Collider?. EPJ Web of Conferences, 2016, 117, 03018.	0.3	0
136	Review of Anisotropic Flow Correlations in Ultrarelativistic Heavy-Ion Collisions. Advances in High Energy Physics, 2016, 2016, 1-13.	1.1	18
137	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
138	meson production in Pb-Pb collisions at $\sqrt{s} = 2.76 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	2.9	47
139	Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at $\sqrt{s} = 2.76 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	4.1	20
140	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 0.9, 7, \text{ and } 8 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	82
141	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s} = 2.76 \text{ TeV}$. Journal of High Energy Physics, 2016, 753, 11-56.	2.3	23
142	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s} = 2.76 \text{ TeV}$. Journal of High Energy Physics, 2016, 753, 11-56.	2.3	23
143	Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 032-032.	5.4	18
144	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30

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145	Pseudorapidity dependence of the anisotropic flow of charged particles in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .		30
146	Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.1	93
147	Measurements of correlations of anisotropic flow harmonics in Pb+Pb Collisions with ALICE. Nuclear Physics A, 2016, 956, 296-299.	1.5	3
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162	Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10

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164	Production of K s 0 and phi (1020) in Pb collisions at s NN = 5.02 TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
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167	Multistrange baryon production in Pb-Pb collisions at s NN = 5.02 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	111
168	Inclusive quarkonium production at forward rapidity in pp collisions at s = 8 TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
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