

Salvatore Aiola

List of Publications by Year in descending order

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Version: 2024-02-01

265
papers

11,972
citations

20817

60
h-index

38395

95
g-index

268
all docs

268
docs citations

268
times ranked

7251
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the $\langle \mathcal{N} \rangle$ and $\langle \mathcal{N}^2 \rangle$ in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2012, 108, 022301.	4.7	51
2	Photoproduction in Pb-Pb peripheral collisions at the LHC. Physical Review Letters, 2012, 108, 022302.	2.9	2
3	Measurement of the Nuclear Modification Factor and Prompt Charged Particle Production in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2012, 108, 022303.	4.7	6
4	Measurement of the Nuclear Modification Factor and Prompt Charged Particle Production in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2012, 108, 022304.	7.8	10
5	Measurement of the Nuclear Modification Factor and Prompt Charged Particle Production in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2012, 108, 022305.	7.8	10
6	Centrality determination in heavy-ion collisions with the LHCb detector. Journal of Instrumentation, 2022, 17, P05009.	1.2	2
7	Tests of Lepton Universality Using $B \rightarrow K^* S$ and $B \rightarrow K^* S$ Decays. Physical Review Letters, 2022, 128, 011801.	7.8	8
8	Angular Analysis of $B \rightarrow K^* S$ and $B \rightarrow K^* S$ Decays. Physical Review Letters, 2022, 128, 011802.	7.8	8
9	Hybrid seeding: A standalone track reconstruction algorithm for scintillating fibre tracker at LHCb. Computer Physics Communications, 2021, 260, 107713.	7.5	1
10	Search for long-lived particles decaying to $e^+ \mu^-$ or $e^- \mu^+$. European Physical Journal C, 2021, 81, 1.	3.9	9
11	Observation of a New Excited D_{s1}^* Meson in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2021, 126, 161802.	7.8	20
12	Observation of Multiplicity Dependent Prompt D_{s1}^* Meson in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2021, 126, 161803.	7.8	20
13	Measurement of $B \rightarrow K^* S$ and $B \rightarrow K^* S$ Decays. Physical Review Letters, 2021, 126, 091802.	7.8	9
14	The upgrade of the ALICE TPC with GEMs and continuous readout. Journal of Instrumentation, 2021, 16, P03022.	1.2	24
15	Angular Analysis of the $B \rightarrow K^* S$ and $B \rightarrow K^* S$ Decays. Physical Review Letters, 2021, 126, 161802.	7.8	96
16	Progress towards the first measurement of charm baryon dipole moments. Physical Review D, 2021, 103, .	4.7	16
17	Measurement of the prompt-production cross-section ratio $\frac{\sigma(\bar{\Lambda}_c^0)}{\sigma(\Lambda_c^0)}$ in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Physical Review C, 2021, 103, .	2.9	5
18	Precise measurement of the $\langle \mathcal{N} \rangle$ and $\langle \mathcal{N}^2 \rangle$ in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2012, 108, 022301.	4.7	32

#	ARTICLE	IF	CITATIONS
19	Search for the doubly charmed baryon Ξ_{cc} . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	10
20	Search for $C \rightarrow P$ violation in $\bar{B} \rightarrow \bar{K}^* \ell^+ \ell^-$ decays. Physical Review D, 2021, 104, .	4.7	6
21	Search for the doubly heavy baryons Ξ_{cc} and Ξ_{bb} decaying to Λ_c^+ and Λ_b^0 . Chinese Physics C, 2021, 45, 093002.	3.7	23
22	Branching Fraction Measurements of the Rare $B \rightarrow K^* \ell^+ \ell^-$ and $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2021, 126, 011801.	4.8	7
23	First measurement of the $C\!P$ -violating phase in $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2021, 126, 011801.	3.9	10
24	Observation of excited Ξ_{cc} baryons in $\bar{B} \rightarrow \bar{K}^* \ell^+ \ell^-$ decays. Physical Review Letters, 2021, 126, 011801.	4.7	19
25	Search for the doubly charmed baryon Ξ_{cc} . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	35
26	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
27	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Physical Review Letters, 2020, 125, 212001.	7.8	10
28	Precision measurement of the B_c^+ meson mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
29	Updated measurement of decay-time-dependent CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. Physical Review D, 2020, 101, 112001.	4.7	8
30	Isospin Amplitudes in $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review D, 2020, 101, 112001.		

#	ARTICLE	IF	CITATIONS
37	Observation of New Λ_c^+ Baryons Decaying to $\Lambda_c^+ \Lambda^0$. Physical Review Letters, 2020, 124, 092301.	7.8	45
38	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
39	First Observation of Excited Λ_c^+ States. Physical Review Letters, 2020, 124, 082002.	7.8	44
40	Measurement of the Λ_b^0 angular distribution and the Λ_b^0 polarisation in pp collisions. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
41	Measurement of C -Averaged Observables in the B^0 Decays. Physical Review Letters, 2020, 125, 011802.	7.8	128
42	Measurement of CP observables in $B_{\pm}^0 \rightarrow DK_{\pm}^0$ and $B_{\pm}^0 \rightarrow D^{\pm} K_{\pm}^0$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
43	Precision measurement of the χ_{cc}^{++} mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33
44	Measurement of Λ_c^+ production in pp collisions at $\sqrt{s} = 13$ TeV. Chinese Physics C, 2020, 44, 022001.	3.7	16
45	Measurement of Λ_c^+ production in pp collisions at $\sqrt{s} = 13$ TeV. Chinese Physics C, 2020, 44, 022001.	4.7	28
46	Measurement of strange baryon-antibaryon interactions with femtosopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
47	Search for $\Lambda_c^+ \rightarrow \Lambda^0 \pi^+$ Decays. Physical Review Letters, 2020, 124, 041801.	7.8	148
48	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \mu^+ \mu^-$, using B_{s2}^0 decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
49	Observation of a new baryon state in the Λ_b^0 mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
50	Searches for low-mass dimuon resonances. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
51	Measurement of the $\eta_c(1S)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	17
52	Observation of the semileptonic decay $B^+ \rightarrow \rho^+ \mu^+ \mu^-$. Journal of High Energy Physics, 2020, 2020, .	4.7	4
53	Measurement of CP violation in $B^0 \rightarrow D^{\pm} K^{\mp}$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
54	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 204-219.	4.1	7

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55	Production of the Λ_c^+ meson in and Pb-Pb collisions at	2.9	20
56	Charged-particle pseudorapidity density at mid-rapidity in p+Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
57	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
58	Observation of New Resonances in the Λ_c^+ baryon. Physical Review Letters, 2019, 123, 152001.	7.8	19
59	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
60	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
61	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
62	Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow \psi K^+ K^-$ decays. European Physical Journal C, 2019, 79, 1.	3.9	20
63	Investigations of Antineutrino Flow Using Multiplicity Correlations in Λ_c^+ Production. Physical Review Letters, 2019, 123, 112002.	7.8	64
64	One-dimensional charged-baryon femtoscopy in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2019, 123, 112001.	2.9	7
65	Study of the p+Pb interaction with femtoscopy correlations in Λ_c^+ production. Physical Review Letters, 2019, 123, 112001.	4.1	64
66	Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	4.1	37
67	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
68	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
69	Observation of the $\Lambda_c^+ \rightarrow \psi K^+$ (3872) pK ⁺ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
70	Λ_c^+ suppression at forward rapidity in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	28
71	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
72	Analysis of the apparent nuclear modification in peripheral Pb+Pb collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	4.1	17

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73	Multiplicity dependence of π^0 production in pp collisions at $\sqrt{s}=2.76$ and 7 TeV. Physical Review Letters, Section B: Nuclear Physics, 2019, 122, 072301.	4.1	27
74	Measurement of π^0 production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
75	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
76	Energy dependence of exclusive 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
77	Real-time data processing in the ALICE High Level Trigger at the LHC. Computer Physics Communications, 2019, 242, 25-48.	7.5	14
78	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s}=2.76$ and 7 TeV. Physical Review C, 2019, 99, 014907.	2.9	19
79	Suppression of π^0 production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 7 TeV. Physical Review C, 2019, 99, 014908.	2.9	64
80	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 7 TeV. Physical Review C, 2019, 99, 014909.	2.9	20
81	Suppression of π^0 production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 7 TeV. Physical Review C, 2019, 99, 014910.	2.9	89
82	Multiplicity dependence of heavy-flavor hadron production in pp collisions at $\sqrt{s}=2.76$ and 7 TeV. Physical Review C, 2019, 99, 014911.	2.9	89
83	ALICE Collaboration. Nuclear Physics A, 2019, 982, 975-984.	1.5	1
84	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 7 TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
85	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
86	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ and 7 TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18
87	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
88	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s}=2.76$ and 7 TeV. Physical Review D, 2019, 99, 014001.	4.7	9
89	Measurement of the electron reconstruction efficiency at LHCb. Journal of Instrumentation, 2019, 14, P11023-P11023.	1.2	7

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91	Measurement of charged-jet cross section in $\sqrt{s_{NN}}=5.02$ TeV Pb-Pb collisions at the LHC. Physical Review C, 2019, 100, 034907.	4.7	8
92	Two-particle differential transverse momentum and number density correlations in $\sqrt{s_{NN}}=5.02$ TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. Physical Review C, 2019, 100, 034908.	2.9	10
93	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in $\sqrt{s_{NN}}=5.02$ TeV Pb-Pb collisions at the LHC. Physical Review C, 2019, 100, 034909.	4.7	12
94	Elementary Particle and High-Energy Physics, 2019, 788, 505-518.	4.1	67
95	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-518.	4.1	67
96	Di-electron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s_{NN}}=13.6$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-518.	4.1	67
97	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-518.	4.1	67
98	Production of ^4He and ^4He antinuclei in $\sqrt{s_{NN}}=5.02$ TeV Pb-Pb collisions at the LHC. Physical Review C, 2018, 98, 034907.	2.9	71
99	Production of ^4He and ^4He antinuclei in $\sqrt{s_{NN}}=5.02$ TeV Pb-Pb collisions at the LHC. Physical Review C, 2018, 98, 034907.	2.9	71
100	Production of ^4He and ^4He antinuclei in $\sqrt{s_{NN}}=5.02$ TeV Pb-Pb collisions at the LHC. Physical Review C, 2018, 98, 034907.	1.5	74
101	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.1	19
102	First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	4.1	19
103	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2018, 98, 034908.	7.8	80
104	The ALICE Transition Radiation Detector: Construction, operation, and performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 881, 88-127.	1.6	17
105	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
106	Neutral pion and η -meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
107	Measurement of D_0 , D^+ , D^{*+} and 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

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109	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
110	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
111	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
112	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
113	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
114	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
115	Inclusive J/ψ production in Xe+Xe collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-429.	4.1	28
116	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	3
117	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
118	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
119	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
120	Constraints on jet quenching in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 95-113.	4.1	28
121	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 320-331.	4.1	1
122	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
123	Anisotropic flow in Xe+Xe collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 82-95.	4.1	28
124	Particle identification studies with a full-size 4-GEM prototype for the ALICE TPC upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 903, 215-223.	1.6	11
125	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
126	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	4.1	4

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127	Measurement of $\langle \mathbf{K} \rangle$ and $\langle \mathbf{K}^2 \rangle$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	4.1	7
128	Search for collectivity with azimuthal J/ψ -hadron correlations in high multiplicity pAe-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	4.1	7
129	Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	4.1	7
130	J/ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	16.7	399
131	Production of mesons from heavy-flavour hadron decays and J/ψ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	16.7	399
132	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
133	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
134	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and pAe-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23
135	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	4.7	13
136	W and Z boson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
137	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	4.7	13
138	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2017, 96, .	2.9	10
139	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2017, 119, 102301.	7.8	13
140	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
141	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	4.7	9
142	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
143	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
144	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2017, 119, 242301.	7.8	45

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145	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2017, 773, 68-80.		50
146	ALICE Collaboration. Nuclear Physics A, 2017, 967, 932-941.	1.5	0
147	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
148	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	7.8	8
149	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	6
150	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12
151	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
152	Energy dependence of forward-rapidity ψ/J and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
153	Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	3.9	36
154	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
155	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, .	3.9	11
156	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7,$ and 8 TeV. European Physical Journal C, 2017, 77, 1.	3.9	32
157	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
158	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	31
159	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	40
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176	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.1	36
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195	Multi-strange baryon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	111
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