

Fiorella Maria Celeste Fionda

List of Publications by Year in descending order

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115
papers

5,489
citations

81900

39
h-index

82547

72
g-index

116
all docs

116
docs citations

116
times ranked

6059
citing authors

#	ARTICLE	IF	CITATIONS
1	Prompt D_0 , D^+ , and D^{*+} production in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
2	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	6
3	Centrality dependence of J/ψ and $\Upsilon(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
4	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
5	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
6	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
7	Production of pions, kaons, (anti-)protons and ϕ mesons in Xe–Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
8	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
9	Coherent ρ/ψ and ω/ψ' photoproduction at midrapidity in ultra-peripheral Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	18
10	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
11	Jet fragmentation transverse momentum distributions in pp and p-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
12	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
13	Charged-particle multiplicity fluctuations in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	2
14	Inclusive ρ/ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
15	J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
16	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
17	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
18	Azimuthal correlations of prompt D mesons with charged particles in pp and p–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11

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19	Measurement of nuclear effects on $\tilde{\chi}(2S)$ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
20	J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
21	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
22	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and p+Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
23	Coherent photoproduction of $\tilde{\chi}$ 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
24	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
25	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
26	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
27	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
28	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
29	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
30	Production of Ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
31	Charged-particle pseudorapidity density at mid-rapidity in p+Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
32	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
33	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
34	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
35	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
36	Measurement of D^0 , D^+ , D^{*+} and D^+_s production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43

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37	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
38	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
39	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
40	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
41	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
42	Measurement of prompt D^0 , D^+ , D^{*+} , and $\text{D}_{S^+}^+$ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
43	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
44	Measurement of the inclusive isolated photon production cross section in p-p collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
45	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
46	Measurement of D^0 , D^+ , D^{*+} and $\text{D}^+_{S^+}$ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
47	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
48	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
49	Energy and multiplicity dependence of strange and non-strange particle production in proton-proton collisions at the LHC with ALICE. EPJ Web of Conferences, 2018, 171, 19004.	0.3	0
50	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
51	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
52	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
53	Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
54	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	3

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55	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s}_{\text{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
56	$\bar{b}+c$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s}_{\text{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
57	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
58	Prompt and non-prompt J/ψ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s}_{\text{NN}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
59	π^0 and η meson production in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
60	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
61	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=7$ TeV and p-Pb collisions at $\sqrt{s}_{\text{NN}}=5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23
62	W and Z boson production in p-Pb collisions at $\sqrt{s}_{\text{NN}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
63	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
64	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
65	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
66	Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	3.9	36
67	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
68	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s}=0.9, 7, \text{ and } 8$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	32
69	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
70	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
71	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s}_{\text{NN}}=2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	40
72	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29

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73	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC. <i>European Physical Journal C</i> , 2016, 76, 86.	3.9	30
74	Centrality dependence of $\tilde{r}(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	17
75	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	18
76	Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	40
77	Centrality dependence of charged jet production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2016, 76, 271.	3.9	31
78	Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	10
79	Measurement of D s + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	19
80	Production of $K^*(892)^0$ and $\phi(1020)$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2016, 76, 245.	3.9	89
81	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 184.	3.9	39
82	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	88
83	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	38
84	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	30
85	Coherent $\Upsilon(0)$ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	30
86	Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	36
87	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	50
88	Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	28
89	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	125
90	Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	12

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91	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118
92	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
93	Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	61
94	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
95	Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
96	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
97	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
98	J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	44
99	Measurement of quarkonium production at forward rapidity in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89
100	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. European Physical Journal C, 2013, 73, 2456.	3.9	202
101	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV measured by ALICE. European Physical Journal C, 2013, 73, 1.	3.9	31
102	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	3.9	101
103	Charmonium and e^+e^- pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	3.9	203
104	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76; \text{ext}\{\text{TeV}\}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
105	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76; \text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228
106	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s}=0.9, 2.76$ and 7 TeV. European Physical Journal C, 2012, 72, 1.	3.9	32
107	Production of $K^*(892)^0$ and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
108	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = \{2.76, \text{ext}\{\text{TeV}\}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58

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109	Femtoscopy of p - p collisions at $\sqrt{s}=0.9$ TeV at the LHC with two-pion Bose-Einstein correlations. <i>Physical Review D</i> , 2011, 84, ...	4.7	93
110	Strange particle production in proton-proton collisions at $\sqrt{s}=0.9$ TeV with ALICE at the LHC. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	140
111	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900$ GeV with ALICE at the LHC. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	209
112	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2011, 106, 032301.	7.8	507
113	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. <i>European Physical Journal C</i> , 2010, 65, 111-125.	3.9	124
114	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=0.9$ and 2.36 TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010, 68, 89-108.	3.9	199
115	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7$ TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010, 68, 345-354.	3.9	212