

# Mario Iván Martínez Hernández

## List of Publications by Year in descending order

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Version: 2024-02-01

199  
papers

11,662  
citations

26630

56  
h-index

30087

103  
g-index

201  
all docs

201  
docs citations

201  
times ranked

7197  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of inclusive charged-particle b-jet production in pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
2	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	9
3	Prompt D0, 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
4	Prompt and non-prompt $J/\psi$ production cross sections at midrapidity in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	9
5	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
6	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
7	Measurements of the groomed and ungroomed jet angularities in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, .	4.7	8
8	Centrality dependence of $J/\psi$ 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
9	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 7$ and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
10	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
11	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
12	Percolation-intercropping strategies to prevent dissemination of phytopathogens on plantations. Chaos, 2021, 31, 063105.	2.5	1
13	Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
14	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
15	Coherent $J/\psi$ and $\Upsilon'$ 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
16	Energy dependence of $\phi$ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
17	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
18	$K_S^0$ - and (anti-) $\Lambda$ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	1

#	ARTICLE	IF	CITATIONS
19	First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
20	Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
21	Measurement of the production cross section of prompt $\chi_{\mathrm{c}}^0$ baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
22	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
23	Inclusive $\chi/\psi$ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
24	$J/\psi$ 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
25	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
26	Multiplicity dependence of $\pi$ , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
27	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
28	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
29	$J/\psi$ 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
30	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
31	Site-bond percolation solution to preventing the propagation of $\langle \mathbb{m}:\mathbb{m} \rangle$ zoospores on plantations. Physical Review E, 2020, 101, 032301.		
32	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
33	Coherent photoproduction of $\rho^0$ 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
34	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
35	Studies of $J/\psi$ 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
36	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

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37	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
38	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
39	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
40	Production of $\Omega$ mesons in pp collisions at $\sqrt{s} = 7, \text{ext } \{ \text{TeV} \}$ . European Physical Journal C, 2020, 80, 1.	3.9	4
41	Triggerless charge measurement system for fast characterization with APDs and PMTs. Revista Mexicana De Física, 2020, 66, 475-478.	0.4	0
42	Charged-particle pseudorapidity density at mid-rapidity in pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
43	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
44	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
45	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
46	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
47	Parallel approach to tomographic reconstruction algorithm using a Nvidia GPU. AIP Conference Proceedings, 2019, , .	0.4	0
48	Measurement of $\mathrm{D}^0$ , $\mathrm{D}^+$ , $\mathrm{D}^{*+}$ and $\mathrm{D}^+_s$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
49	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s} = 7$ TeV pp and $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV pPb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
50	Energy dependence of exclusive $\mathrm{J}/\psi$ photoproduction off protons in ultra-peripheral pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
51	Texture analysis applied to brain MRI to classify low and high grade gliomas. AIP Conference Proceedings, 2019, , .	0.4	0
52	Relative particle yield fluctuations in $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
53	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
54	Study of $J/\psi$ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12

#	ARTICLE	IF	CITATIONS
55	Measurement of prompt $D^0$ , $D^+$ , $D^{*+}$ , and $D^+_{s1}$ production in $p\text{-}Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
56	Inclusive $J/\psi$ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
57	Measurement of the inclusive isolated photon production cross section in $p\text{-}p$ collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
58	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
59	Measurement of $D^0$ , $D^+$ , $D^{*+}$ and $D^+_{s1}$ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
60	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
61	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
62	Percolation strategy to improve the production of plants with high pathogen susceptibility. Physical Review E, 2018, 98, .	2.1	5
63	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
64	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
65	Inclusive $J/\psi$ 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
66	Neutral pion and $\eta'$ meson production in $p\text{-}Pb$ collisions at $\sqrt{s_{NN}}$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	31
67	$\phi$ meson production at forward rapidity in $Pb\text{-}Pb$ collisions at $\sqrt{s_{NN}}=2.76$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	3
68	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
69	$\Lambda^0$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
70	Measurement of the inclusive $J/\psi$ polarization at forward rapidity in pp collisions at $\sqrt{s} = 8$ s. European Physical Journal C, 2018, 78, 1.	3.9	13
71	Prompt and non-prompt $J/\psi$ production and nuclear modification at mid-rapidity in $p\text{-}Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
72	$\pi^0$ and $\eta'$ meson production in proton-proton collisions at $\sqrt{s}=8$ s = 8 TeV. European Physical Journal C, 2018, 78, 1.	3.9	34

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73	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
74	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23
75	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
76	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
77	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
78	Production of $\pi^0$ and $\eta$ mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28
79	Energy dependence of forward-rapidity $\chi/\psi$ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
80	Production of $\Sigma(1385)^{\pm}$ . European Physical Journal C, 2017, 77, 389.	3.9	36
81	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
82	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
83	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
84	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
85	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
86	ALICE Diffractive Detector Control System for RUN-II in the ALICE Experiment. Journal of Physics: Conference Series, 2016, 761, 012025.	0.4	0
87	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
88	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 0.9, 7,$ and $8$ TeV. European Physical Journal C, 2017, 77, 1.	4.1	82
89	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 753, 41-56.	4.1	23
90	Measurement of the elliptic flow $v_2$ of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 753, 41-56.	4.1	23

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91	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
92	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pâ€Pb, and Pbâ€Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
93	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at Very Low $\sqrt{s_{NN}}$ . Physical Review C, 2016, 93, .	7.8	77
94	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	187
95	Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	129
97	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	27
98	Multipion Bose-Einstein correlations in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	25
99	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
100	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	182
101	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
102	Differential studies of inclusive $J/\psi$ and $\psi(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
103	Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	40
104	Centrality dependence of charged jet production in pâ€Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	3.9	31
105	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
106	Measurement of D s + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
107	Production of $K^0_S$ and $\phi$ (1020) in pâ€Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
108	Search for weakly decaying exotic bound states in central Pbâ€Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.1	27

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109	Angular anisotropy of charged jet production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at forward rapidity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	2.76	23
110	Direct photon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	2.76	163
111	Measurement of electron production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	2.76	111
112	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
113	Forward-central two-particle correlations in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	2.76	45
114	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	2.76	40
115	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	88
116	Measurement of electrons from heavy-flavour hadron decays in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	2.76	33
117	Getting a stochastic process from a conservative Lagrangian: A first approach. Physica A: Statistical Mechanics and Its Applications, 2016, 448, 1-9.	2.6	0
118	Coherent $\Upsilon(2S)$ photo-production in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	2.76	38
119	Coherent $\Upsilon(2S)$ photo-production in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	2.9	135
120	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, .	2.9	46
121	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2015, 91, .	4.7	35
122	Rapidity and transverse-momentum dependence of the inclusive $J/\psi$ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
123	Inclusive, prompt and non-prompt $J/\psi$ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
124	Coherent $\Upsilon(0)$ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
125	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
126	Measurement of charged jet production cross sections and nuclear modification in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	2.76	49



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127	Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and $7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
128	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
129	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	50
130	Centrality dependence of inclusive $J/\psi$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
131	Production of inclusive $J/\psi$ and $\psi(2S)$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.1	60
132	Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 4-14.	4.1	105
133	Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 4-14.	4.1	19
134	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	25
135	Measurement of the nuclear modification factor $R_{pA}$ for $J/\psi$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	4.7	20
136	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	39
137	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
138	Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and $7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	12
139	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118
140	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
141	Precision measurement of the mass difference between light nuclei and anti-nuclei. Nature Physics, 2015, 11, 811-814.	16.7	41
142	Multiplicity dependence of jet-like two-particle correlation structures in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	4.1	33
143	Difference between healthy children and ADHD based on wavelet spectral analysis of nuclear magnetic resonance images. , 2014, , .		0
144	Event-by-event mean $p_T$ fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	61

#	ARTICLE	IF	CITATIONS
145	Transverse momentum dependence of inclusive primary charged-particle production in $\sqrt{s_{\text{NN}}}=5.02$ -ext TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
146	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
147	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ , {mathrm {TeV}}\$ s NN = 2.76 TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
148	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
149	$J/\psi$ 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
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153	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
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155	Polarization in p-Pb collisions at $\sqrt{s}=2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	7.8	99
156	Production of Muons from Heavy Flavor Decays at Forward Rapidity in p-Pb and Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	7.8	96
157	Suppression of $\Upsilon(2S)$ production in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	7.8	194
158	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	97
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166	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
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174	Femtoscopy of pp collisions at $\sqrt{s}=0.9$ – $2.76$ TeV. Physical Review D, 2011, 84, .	4.7	93
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176	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900$ – $7000$ GeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
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178	Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 328-337.	4.1	235
179	Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 328-337.	4.1	235

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181	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	7.8	507
182	Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2011, 107, 032301.	7.8	482
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185	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=0.9$ and 2.36 TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	3.9	199
186	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
187	Detection of atmospheric muons with ALICE detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 57-61.	1.6	3
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189	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	1.2	811
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195	A 32-channel, 0.25 $\mu\text{m}$ CMOS ASIC for the readout of the silicon drift detectors of the ALICE experiment. IEEE Transactions on Nuclear Science, 2004, 51, 1942-1947.	2.0	14
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