

# Vladimir Kovalenko

## List of Publications by Year in descending order

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Version: 2024-02-01

337  
papers

15,043  
citations

15504

65  
h-index

25787

108  
g-index

343  
all docs

343  
docs citations

343  
times ranked

6943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prompt D0, D+, and D*+ production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
2	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
3	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
4	Multipomeron Model with Collective Effects for High-Energy Hadron Collisions. Universe, 2022, 8, 246.	2.5	11
5	Centrality dependence of $J/\psi$ and $\psi(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
6	Transverse-momentum and event-shape dependence of D-meson flow harmonics in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136030.	4.1	22
7	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	4.1	8
8	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
9	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2021, 126, 162001.	7.8	10
10	First measurement of quarkonium polarization in nuclear collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136146.	4.1	11
11	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
12	Measurements of multiplicity fluctuations of identified hadrons in inelastic proton-proton interactions at the CERN Super Proton Synchrotron. European Physical Journal C, 2021, 81, 1.	3.9	3
13	Spectra and mean multiplicities of $\pi^0$ in central $\text{Ar}+^{40}\text{Ar}+^{45}\text{Sc}$ collisions at 13A, 19A, 30A, 40A, 75A and 150A Ge beam momenta measured by the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2021, 81, 1.	3.9	8
14	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2021, 103, .	2.9	8
15	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
16	First measurement of the $ t $ -dependence of coherent $J/\psi$ photonuclear production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136280.	4.1	21
17	Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2021, 127, 042302.	7.8	3
18	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2021, 103, .	4.1	15

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19	Measurement of the distribution of $^{207}\text{Bi}$ depositions on calibration sources for SuperNEMO. Journal of Instrumentation, 2021, 16, T07012.	1.2	1
20	Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe–Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
21	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
22	Coherent $\rho/\psi$ and $\omega/\psi$ 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
23	Jet-associated deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136440.	4.1	6
24	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2021, 127, 092302.	7.8	9
25	Production and nuclear modification at forward rapidity in Pb–Pb collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136481.	4.1	4
26	Energy dependence of $\phi$ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	4.1	14
27	First measurement of coherent $\rho$ photoproduction in ultra-peripheral Xe–Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136481.	3.9	5
28	Measurements of $\pi^0$ , $K^0_S$ , $K^0_L$ , $p$ and $\bar{p}$ spectra in $\sqrt{s} = 7.42$ and $13.0$ TeV collisions at beam momenta from 19A to 150AA $\sqrt{s_{\text{NN}}} = 5.44$ TeV with the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2021, 81, 1.	4.1	6
29	Measurement of the production cross section of $\rho$ protons on carbon via beam attenuation in a 90-cm-long target. Physical Review D, 2021, 103, .	4.7	3
30	$K_S^0$ and (anti-) $\Lambda$ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	1
31	Kaon–proton strong interaction at low relative momentum via femtoscopy in Pb–Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136708.	4.1	8
32	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
33	Inclusive $\rho/\psi$ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
34	Multiplicity dependence of light (anti-)nuclei production in Pb–Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	4.1	27
35	$\rho/\psi$ 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

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37	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
38	Multiplicity dependence of $K^*(892)^0$ and $\bar{\Lambda}(1020)$ production in pp collisions at $\sqrt{s_{\mathrm{NN}}} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	4.1	22
39	Search for a common baryon source in high-multiplicity pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	4.1	37
40	Measurements of $\Xi^{\pm}$ and $\bar{\Xi}^{\pm}$ production in proton-proton interactions at $\sqrt{s_{\mathrm{NN}}} = 17.3$ TeV in the NA61/SHINE experiment. European Physical Journal C, 2020, 80, 1.	3.9	8
41	Multiplicity dependence of $\Xi^{\pm}$ and $\bar{\Xi}^{\pm}$ production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135564.	4.1	35
42	Multiplicity dependence of $\pi^{\pm}$ , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
43	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review C, 2020, 101, .	2.9	4
44	Azimuthal correlations of prompt D mesons with charged particles in pp and Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11
45	Measurement of nuclear effects on $\bar{\Lambda}(2S)$ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
46	Search for an exotic $S=2$ , $Q=2$ baryon resonance in proton-proton interactions at $\sqrt{s_{\mathrm{NN}}} = 17.3$ TeV. Physical Review D, 2020, 101, .	4.7	1
47	Two-particle correlations in azimuthal angle and pseudorapidity in central $^7\mathrm{Be}+^9\mathrm{Be}$ collisions at the CERN Super Proton Synchrotron. European Physical Journal C, 2020, 80, 1.	3.9	0
48	Strongly Intensive Fluctuations between Multiplicity and Total Transverse Momentum in Relativistic p + p and p + Pb Collisions in the Multipomeron Exchange Approach. Bulletin of the Russian Academy of Sciences: Physics, 2020, 84, 1258-1260.	0.6	0
49	Multiplicity dependence of inclusive $\bar{\Lambda}$ production at midrapidity in pp collisions at $\sqrt{s_{\mathrm{NN}}} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135750.	4.1	26
50	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review C, 2020, 102, .	2.9	17
51	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4
52	Unveiling the strong interaction among hadrons at the LHC. Nature, 2020, 588, 232-238.	27.8	85
53	$\bar{v}_2$ 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
54	Measurements of $\pi^{\pm}$ production in $^7\mathrm{Be} + ^9\mathrm{Be}$ collisions at beam momenta from 19A to 150A,ext{ GeV} in the NA61/SHINE experiment at the CERN SPS. European Physical Journal C, 2020, 80, 1.	3.9	5

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55	(Anti-)deuteron production in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
56	$K^*(892)0$ and $\bar{K}^*(1020)$ production at midrapidity in pp collisions at $s=8$ TeV. Physical Review C, 2020, 102, .	2.9	15
57	Measurement of isolated photon-hadron correlations in $\sqrt{s}=5.02$ TeV pp collisions. Physical Review C, 2020, 102, .	2.9	15
58	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13
59	Centrality and transverse momentum dependence of inclusive $J/\psi$ production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135434.	4.1	7
60	Study of Forward-Backward Multiplicity Fluctuations and Correlations with Pseudorapidity. Physics of Particles and Nuclei, 2020, 51, 323-326.	0.7	4
61	Measurement of the (anti-)neutronic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	7
62	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	18
63	Production of $\Lambda(1520)$ in pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135486.	4.1	6
64	Production of $\Lambda(1520)$ in Pb-Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135486.	4.1	11
65	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
66	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s}=7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
67	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	7.8	72
68	Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC. Physical Review Letters, 2020, 125, 022301.	7.8	49
69	Coherent photoproduction of $\rho^0$ vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
70	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
71	Exploration of jet substructure using iterative declustering in pp and Pb-Pb collisions at LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135227.	4.1	20
72	Studies of $J/\psi$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13

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73	Measurements of inclusive jet spectra in $\sqrt{s_{NN}} = 2.76$ and central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, .	2.9	29
74	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, .	2.9	110
75	Production of $\Lambda$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, .	2.9	55
76	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, .	2.9	16
77	Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of $K^0_S$ mesons. Physical Review C, 2020, 101, .	2.9	16
78	Measurement of strange baryon-antibaryon interactions with femtoscopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
79	Investigation of the $\Lambda$ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
80	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
81	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
82	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
83	Z-boson production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	5
84	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
85	$K^*(892)^0$ meson production in inelastic p+p interactions at $\sqrt{s} = 158$ GeV beam momentum measured by NA61/SHINE at the CERN SPS. European Physical Journal C, 2020, 80, 1.	3.9	10
86	Production of $\Omega$ mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
87	Pseudorapidity Dependence of Multiplicity Fluctuations in a Model of Interacting Quark-Gluon Strings of Finite Rapidity Length. Bulletin of the Russian Academy of Sciences: Physics, 2020, 84, 1261-1265.	0.6	0
88	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, .	4.1	7
89	Production of $\Lambda$ meson in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, .	2.9	20
90	Charged-particle pseudorapidity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12

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91	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
92	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
93	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
94	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
95	Measurement of $\langle \mathbf{p} \cdot \mathbf{p} \rangle$ and $\langle \mathbf{p} \cdot \mathbf{p} \rangle$ in pp collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2019, 123, 142301.	7.8	38
96	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in $\sqrt{s} = 5.02$ TeV pp Collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	7.8	64
97	Strongly intensive fluctuations between the multiplicity and the total transverse momentum in pp interactions in the multipomeron exchange approach. Theoretical and Mathematical Physics (Russian) Tj ETQq1 1 00784314 rgBT /Overlock 10 Tf 50 583	7.8	38
98	Strongly intensive fluctuations and correlations in ultrarelativistic nuclear collisions in the model with string fusion. EPJ Web of Conferences, 2019, 204, 03006.	0.3	4
99	One-dimensional charged-particle femtometry in $\sqrt{s} = 5.02$ TeV pp collisions at the LHC. Physical Review C, 2019, 100, 014907.	2.9	7
100	$\rho(980)$ resonance production in pp collisions with the ALICE detector at the LHC. Nuclear Physics A, 2019, 982, 201-203.	1.5	1
101	Energy dependence of $\bar{\Lambda}(1020)$ production at mid-rapidity in pp collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 180-182.	1.5	18
102	Direct photon elliptic flow in $\sqrt{s} = 5.02$ TeV Pb-Pb collisions at the LHC. Nuclear Physics A, 2019, 982, 195-197.	4.1	64
103	Coherent J/ψ production at forward rapidity in ultraperipheral Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	4.1	37
104	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
105	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
106	Suppression 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
107	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
108	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

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109	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
110	Multiplicity dependence of charm quark production in pp collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	4.1	27
111	Measurement of $\langle \langle \mathit{D} \rangle \rangle$ and $\langle \langle \mathit{D} \rangle \rangle^2$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
112	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
113	Energy dependence of exclusive $\mathit{J}/\psi$ 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
114	Real-time data processing in the ALICE High Level Trigger at the LHC. Computer Physics Communications, 2019, 242, 25-48.	7.5	14
115	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s} = 2.76$ and 8 TeV. Physical Review C, 2019, 99, .	2.9	19
116	Correlations studied via femtoscopy in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	2.9	64
117	Suppression of $\mathit{J}/\psi$ production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	2.9	89
118	Measurements of $\langle \langle \mathit{K} \rangle \rangle$ and proton double differential yields from the surface of the T2K replica target for incoming 31 GeV/c protons with the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2019, 79, 1.	3.9	23
119	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
120	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
121	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18
122	Study of $\mathit{J}/\psi$ 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



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127	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2019, 99, .	4.7	9
128	Measurement of prompt $D^0$ , $D^+$ , $D^{*+}$ , and $\{D\}_S^+$ production in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
129	Correlations between multiplicities and transverse momenta in nucleus-nucleus collisions from model with cluster of fused color strings. Journal of Physics: Conference Series, 2019, 1390, 012006.	0.4	0
130	Measurement of charged jet cross section in $p$ collisions at $\sqrt{s} = 5.02$ TeV. Physical Review D, 2019, 99, .	4.7	8
131	Two-particle differential transverse momentum and number density correlations in $Pb$ collisions at 5.02 TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. Physical Review C, 2019, 100, .	2.9	10
132	Measurements of production and inelastic cross sections for $p+C$ , $p+Be$ , and $p+Al$ at 60 GeV/c and $p+C$ and $p+Be$ at 120 GeV/c. Physical Review D, 2019, 100, .	4.7	10
133	Measurements of hadron production in $C$ collisions at $\sqrt{s} = 5.02$ TeV. Physical Review D, 2019, 100, .	4.7	5
134	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in $Xe$ collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-518.	4.1	67
135	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, .	4.1	67
136	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-518.	4.1	11
137	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
138	Measurement of the inclusive isolated photon production cross section in $p$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
140	Determination of the quark-gluon string parameters from the data on pp, pA and AA collisions at wide energy range using Bayesian Gaussian Process Optimization. , 2019, , .		0
141	Charge correlations and strongly intensive fluctuations in ultrarelativistic nuclear collisions in the string model. , 2019, , .		0
142	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.	2.9	71
143	Production of $^4He$ and $^4He$ nuclei, and their antinuclei in $Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Nuclear Physics A, 2018, 971, 1-20.	1.5	74

#	ARTICLE	IF	CITATIONS
145	Production as a function of charged particle pseudorapidity density in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear Physics Letters, Section B: Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.1	12
146	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.1	16
147	First measurement of jet mass in Pb-Pb and pPb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	4.1	39
148	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2018, 120, 102301.	7.8	80
149	The Small Acceptance Vertex Detector of NA61/SHINE. EPJ Web of Conferences, 2018, 171, 10003.	0.3	4
150	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
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