

Paul Buehler

List of Publications by Year in descending order

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Version: 2024-02-01

331
papers

5,958
citations

76326

40
h-index

155660

55
g-index

335
all docs

335
docs citations

335
times ranked

6279
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 054907.	2.9	110
2	An Accurate Method for Correction of Head Movement in PET. IEEE Transactions on Medical Imaging, 2004, 23, 1176-1185.	8.9	104
3	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
4	Multiplicity dependence of light-flavor hadron production in $\sqrt{s_{NN}} = 2.76$ TeV collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, 054907.	2.9	89
5	Anisotropic flow in $\sqrt{s_{NN}} = 2.76$ TeV collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, 054907.	2.9	86
6	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 120, 032301.	7.8	80
7	Production of 4He and ^3He in $\sqrt{s_{NN}} = 2.76$ TeV collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 122, 032301.	7.8	74
8	Production of ^3He and ^4He in $\sqrt{s_{NN}} = 2.76$ TeV collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.	1.5	74
9	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	7.8	72
10	Technical design report for the $\sqrt{s_{NN}} = 2.76$ TeV ANDA (AntiProton Annihilations at Darmstadt) Straw Tube Tracker. European Physical Journal A, 2013, 49, 1.	2.5	71
11	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, 054907.	2.9	71
12	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, 054907.	2.9	68
13	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, 054907.	2.9	67
14	The relativistic electron response in the outer radiation belt during magnetic storms. Annales Geophysicae, 2002, 20, 957-965.	1.6	66
15	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
16	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in $\sqrt{s_{NN}} = 2.76$ TeV collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 142301.	7.8	64
17	Study of the $\sqrt{s_{NN}} = 2.76$ TeV interaction with femtoscopy correlations in $\sqrt{s_{NN}} = 2.76$ TeV collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 142301.	4.1	64
18	Study of the $\sqrt{s_{NN}} = 2.76$ TeV interaction with femtoscopy correlations in $\sqrt{s_{NN}} = 2.76$ TeV collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 142301.	2.9	64

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19	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2017, 77, 1.	3.9	62
20	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s} = 5.44 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 3-10.	4.7	55
21	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s} = 2.76 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	2.9	55
22	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ and 2.76 TeV . Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
23	Global polarization of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
24	Measurement of D_0 , D^+ , D^{*+} and $D+s$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
25	High-resolution measurement of the time-modulated orbital electron capture and of the decay of hydrogen-like $142\text{Pm}60+$ ions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	2.5	49
26	Linear Energy Dependence of Λ Production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	2.6	48
27	Energy dependence of forward-rapidity $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
28	Pionic deuteron. European Physical Journal A, 2011, 47, 1.	2.5	49
29	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02 \text{ TeV}$ and 13 TeV . European Physical Journal C, 2019, 79, 1.	3.9	49
30	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
31	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2020, 80, 1.	3.9	49
32	Results from the ESA SREM monitors and comparison with existing radiation belt models. Advances in Space Research, 2008, 42, 1527-1537.	2.6	48
33	Structure near the $K^* \rightarrow p + p$ threshold in the in-flight $^3\text{He}(K^+ \rightarrow p + p)$ reaction. Progress of Theoretical and Experimental Physics, 2016, 2016, 051D01.	6.6	48
34	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$. Physical Review Letters, 2017, 119, 242301.	7.8	45
35	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44

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37	Measurement of $\langle D \rangle^0$, $\langle D \rangle^+$, $\langle D \rangle^{*+}$ and $\langle D \rangle^+_{\{s\}}$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
38	\hat{c} 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
39	Simulation of the outer radiation belt electron flux decrease during the March 26, 1995, magnetic storm. Journal of Geophysical Research, 2000, 105, 21211-21223.	3.3	41
40	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
41	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
42	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	39
43	Production in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	43
44	Measurement of the In-Medium K^0 production in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	7.8	38
45	Production of Λ baryons in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	7.8	38
46	Multiplicity dependence of π , K, and p production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
47	Production of Λ baryons in Pb-Pb collisions at the LHC through production of K^0 . European Physical Journal C, 2019, 79, 1.	7.8	38
48	The ESA Standard Radiation Environment Monitor program first results from PROBA-I and INTEGRAL. IEEE Transactions on Nuclear Science, 2003, 50, 2272-2277.	2.0	37
49	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
50	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
51	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
52	Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	3.9	36
53	Investigation of the Λ^0 interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
54	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 308-322.	4.1	36

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55	<p>Global baryon number conservation encoded in net-proton fluctuations measured in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.</p>	4.1	35
56	<p>Energy dependence of exclusive π^0 and η meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.</p>	3.9	34
57	<p>Energy dependence of exclusive ψ photoproduction off protons in ultra-peripheral p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.</p>	3.9	34
59	<p>Modeling the Outer Belt Enhancements of Penetrating Electrons. Journal of Spacecraft and Rockets, 2000, 37, 408-415.</p>	1.9	33
60	<p>Subthreshold production of $\Lambda(1385)$ baryons in Al+Al collisions at 1.9 A GeV. Physical Review C, 2007, 76, .</p>	2.9	33
61	<p>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.</p>	3.9	32
62	<p>Feasibility studies of time-like proton electromagnetic form factors at $\sqrt{s} = 1.9$ GeV. European Physical Journal A, 2016, 52, 1.</p>	2.5	31
63	<p>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.</p>	3.9	31
64	<p>Neutral pion and η meson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.</p>	3.9	31
65	<p>Experimental Evidence for an Attractive $\pi\pi$ Interaction. Physical Review Letters, 2021, 127, 172301.</p>	7.8	30
66	<p>Radiation environment along the INTEGRAL orbit measured with the IREM monitor. Astronomy and Astrophysics, 2003, 411, L43-L47.</p>	5.1	29
67	<p>Experimental access to Transition Distribution Amplitudes with the π^0 ANDA experiment at FAIR. European Physical Journal A, 2015, 51, 1.</p>	2.5	29
68	<p>Measurements of inclusive jet spectra in p-Pb and central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, .</p>	2.9	29
69	<p>Production and Baryon-to-Meson Ratios in p-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 98, 014907.</p>	7.8	29
70	<p>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.</p>	3.9	28
71	<p>Constraints on jet quenching in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ 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.</p>	4.1	28
72	<p>π^0 suppression at forward rapidity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.</p>	4.1	28

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73	Technical design report for the $\overline{\text{ANDA}}$ Barrel DIRC detector. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 045001.	3.6	28
74	Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 50-63.	4.1	27
75	Precision resonance energy scans with the PANDA experiment at FAIR. European Physical Journal A, 2019, 55, 1.	2.5	27
76	Multiplicity dependence of light (anti-)nuclei production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	4.1	27
77	Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135758.	4.1	26
78	Observations of the low earth orbit radiation environment from Mir. Radiation Measurements, 1996, 26, 917-921.	1.4	25
79	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 97, .	4.1	25
80	Unfolding and Validation of SREM Fluxes. IEEE Transactions on Nuclear Science, 2012, 59, 1105-1112.	2.0	24
81	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 467-481.	4.1	24
82	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
83	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. Physical Review D, 2022, 105, .	4.7	24
84	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
85	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
86	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
87	Prompt D^0 , D^+ , and D^{*+} production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
88	Precision Determination of the Strength at Threshold. Physical Review Letters, 2010, 104, 142503.	4.1	22
89	Azimuthal emission patterns of K^0_S in Ni-Ni collisions near the strangeness production threshold. Physical Review C, 2014, 90, .	2.9	22
90	Azimuthal emission patterns of K^0_S in Ni-Ni collisions near the strangeness production threshold. Physical Review C, 2014, 90, .	2.9	22

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91	Study of doubly strange systems using stored antiprotons. Nuclear Physics A, 2016, 954, 323-340.	1.5	22
92	Multiplicity dependence of $K^*(892)0$ and $\bar{\Lambda}(1020)$ production in pp collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2017, 96, 014907.	4.1	22
93	Production of $\Lambda(1520)$ in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	4.1	22
94	The PANDA GEM-based TPC prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 204-208.	1.6	21
95	Transition distribution amplitudes at $\sqrt{s}=2.76$ TeV. Physical Review C, 2017, 96, 014907.	4.7	21
96	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2017, 96, 014907.	4.9	21
97	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135434.	4.1	21
98	First measurement of the $ t $ -dependence of coherent J/ψ photonuclear production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136280.	4.1	21
99	Production of the $\Lambda(1520)$ in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2017, 96, 014907.	7.8	21
100	Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	4.1	20
101	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
102	Production of the $\Lambda(1520)$ in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2017, 96, 014907.	2.9	20
103	Resonance production in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2017, 96, 014907.	2.9	20
104	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
105	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
106	Exploring the $N\bar{N}$ coupled system with high precision correlation techniques at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137272.	4.1	19
107	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
108	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18

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109	Measurement of prompt D^0 , D^+ , D^{*+} , and D^0_{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
110	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in $p\text{-}Pb$ 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
111	Coherent $\psi(2S)$ photoproduction at midrapidity in ultra-peripheral $Pb\text{-}Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	18
112	Measurement of Prompt D^0 production in $p\text{-}Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 916, 162916.	7.8	18
113	Measurement of Prompt D^0 production in $p\text{-}Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 916, 162916.	4.1	18
114	The outer radiation belt during the 10 January, 1997 CME event. Geophysical Research Letters, 1998, 25, 2983-2986.	4.0	17
115	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
116	Analysis of the apparent nuclear modification in peripheral $Pb\text{-}Pb$ collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	4.1	17
117	Radiation environment monitor. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 368, 825-831.	1.6	16
118	Application of Geiger-mode photosensors in Cherenkov detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 639, 107-110.	1.6	16
119	Influence of \bar{K}^0_S mesons on negative kaons in Ni + Ni collisions at $\sqrt{s_{NN}} = 1.91$ TeV. Physical Review C, 2015, 91, 054907.	2.9	16
120	Between atomic and nuclear physics: radioactive decays of highly-charged ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 144024.	1.5	16
121	Prompt and non-prompt J/ψ 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
122	Hadronic resonances, strange and multi-strange particle production in Xe-Xe and Pb-Pb collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 823-826.	1.5	16
123	Testing the system size dependence of hydrodynamical expansion and thermal particle production with \bar{K}^0_S , K, p, and \bar{K}^0_S in Xe-Xe and Pb-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 427-430.	1.5	16
124	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
125	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, 054907.	2.9	16
126	Search for the Kaonic Nuclear State, $K^0_{N^*}$, in the exclusive channel. Nuclear Physics A, 2009, 827, 312c-314c.	1.5	15

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127	The K1.8BR spectrometer system at J-PARC. Progress of Theoretical and Experimental Physics, 2012, 2012, .	6.6	15
128	Simulation and reconstruction of the PANDA Barrel DIRC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 263-266.	1.6	15
129	Improved lifetime of microchannel-plate PMTs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 138-144.	1.6	15
130	Frontend electronics for high-precision single photo-electron timing using FPGA-TDCs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 231-234.	1.6	15
131	Measurement of the Strong Interaction Induced Shift and Width of the $1s$ State of Kaonic Deuterium at J-PARC. Acta Physica Polonica B, 2015, 46, 101.	0.8	15
132	Relative particle yield fluctuations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
133	$K^*(892)0$ and $\bar{K}^*(1020)$ production at midrapidity in pp collisions at $s = 8$ TeV. Physical Review C, 2020, 102, .	2.9	15
134	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 054907.	4.1	15
135	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
136	Nuclear modification factor of light neutral-meson spectra up to high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 054907.	4.1	15
137	Observation of a multiplicity dependence in the pT-differential charm baryon-to-meson ratios in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear, Elementary Particle, and High-Energy Physics, 2021, 827, 136943.	4.1	15
138	Polarization of Λ hyperons along the Beam Direction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 054907.	7.8	15
139	Production of Λ hyperons in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 054907.	4.1	15
140	Real-time data processing in the ALICE High Level Trigger at the LHC. Computer Physics Communications, 2019, 242, 25-48.	7.5	14
141	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	4.1	14
142	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
143	Production of Λ hyperons in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 054907.	4.1	14
144	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14

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145	Particle identification for the detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 639, 169-172.	1.6	13
146	W and Z boson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
147	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	7.8	13
148	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
149	Neutral pion and $\hat{1}$ meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
150	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	13
151	New test of modulated electron capture decay of hydrogen-like $^{142}\mathrm{Pm}$ ions: Precision measurement of purely exponential decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134800.	4.1	13
152	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13
153	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
154	Investigating the role of strangeness in baryon-antibaryon annihilation at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137060.	4.1	13
155	Relativistic electron enhancements, magnetic storms, and substorm activity. Journal of Atmospheric and Solar-Terrestrial Physics, 2002, 64, 593-599.	1.6	12
156	Double-strangeness production with antiprotons. Hyperfine Interactions, 2009, 194, 249-254.	0.5	12
157	Development of SciFi/CheFi detector with SiPM readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 610, 75-77.	1.6	12
158	Development of an Endcap DIRC for PANDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 96-100.	1.6	12
159	Strange meson production in Al+Al collisions at 1.9 A GeV. European Physical Journal A, 2016, 52, 1.	2.5	12
160	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12
161	J/ψ production as a function of charged-particle pseudorapidity density in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 91-104.	4.1	12
162	Determination of N^* amplitudes from associated strangeness production in p+p collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 574-580.	4.1	12

#	ARTICLE	IF	CITATIONS
163	Charged-particle pseudorapidity density at mid-rapidity in $\sqrt{s_{NN}} = 8.16$ TeV Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
164	Multiplicity dependence of strangeness and hadronic resonance production in pp and p-Pb collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 467-470.	1.5	12
165	Study of J/ψ production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 505-510.	4.7	12
166	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
167	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
168	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
169	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, 2020, 806, 135486.	4.1	11
170	Azimuthal correlations of prompt D mesons with charged particles in pp and $\sqrt{s} = 5.02$ TeV Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11
171	Production of J/ψ mesons in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135486.	4.1	11
172	Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
173	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
174	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
175	Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in $\sqrt{s} = 13$ TeV pp and Pb-Pb Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2022, 128, 102001.	7.8	11
176	Optimized List-Mode Acquisition and Data Processing Procedures for ACS2 Based PET Systems. Zeitschrift Fur Medizinische Physik, 2006, 16, 75-82.	1.5	10
177	Inner Belt Anisotropy Investigations Based on the Standard Radiation Environment Monitor (SREM). IEEE Transactions on Nuclear Science, 2010, 57, 2017-2023.	2.0	10
178	Breakthrough in the lifetime of microchannel plate photomultipliers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 787, 105-109.	1.6	10
179	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, 034907.	2.9	10
180	Inclusive J/ψ production in $\sqrt{s} = 5.44$ TeV Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.	4.7	10

#	ARTICLE	IF	CITATIONS
181	Two-particle differential transverse momentum and number density correlations in p -Pb collisions at 5.02 TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2019, 100, .	2.9	10
182	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	10
183	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2021, 126, 162001.	7.8	10
184	Outer radiation belt variations during 1995. <i>Advances in Space Research</i> , 1998, 22, 83-87.	2.6	9
185	A search for deeply-bound kaonic nuclear state at the J-PARC E15 experiment. <i>Nuclear Physics A</i> , 2013, 914, 315-320.	1.5	9
186	The PANDA Barrel DIRC detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 766, 9-13.	1.6	9
187	Measurement of electrons from beauty-hadron decays in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	9
188	Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	9
189	Event-shape- and multiplicity-dependent identified particle production in pp collisions at 13 TeV with ALICE at the LHC. <i>Nuclear Physics A</i> , 2019, 982, 507-510.	1.5	9
190	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2019, 99, .	4.7	9
191	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2021, 127, 092302.	7.8	9
192	Hypertriton Production in p -Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2022, 128, .	7.8	9
193	Modelling of the outer electron belt flux dropout and losses during magnetic storm main phase. <i>Advances in Space Research</i> , 2000, 26, 167-171.	2.6	8
194	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. <i>Physical Review Letters</i> , 2017, 118, 162302.	7.8	8
195	Inclusive J/ψ production at forward and backward rapidity in p -Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	8
196	Calibration of the photon spectrometer PHOS of the ALICE experiment. <i>Journal of Instrumentation</i> , 2019, 14, P05025-P05025.	1.2	8
197	Elliptic flow of identified hadrons in small collisional systems measured with ALICE. <i>Nuclear Physics A</i> , 2019, 982, 451-454.	1.5	8
198	Measurement of charged jet cross section in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review D</i> , 2019, 100, .	4.7	8

#	ARTICLE	IF	CITATIONS
199	<p>Measurement of the inclusive isolated photon production cross section in $\sqrt{s}=7$ TeV Pb-Pb collisions at the LHC. <i>Physical Review C</i>, 2021, 103, .</p> <p>Measurement of the inclusive isolated photon production cross section in $\sqrt{s}=7$ TeV Pb-Pb collisions at the LHC. <i>Physical Review C</i>, 2021, 103, .</p>	4.1	8
200	<p>Measurement of the inclusive isolated photon production cross section in $\sqrt{s}=7$ TeV Pb-Pb collisions at the LHC. <i>Physical Review C</i>, 2021, 103, .</p>	2.9	8
201	<p>Measurement of the inclusive isolated photon production cross section in $\sqrt{s}=7$ TeV Pb-Pb collisions at the LHC. <i>Physical Review C</i>, 2021, 103, .</p>	3.9	8
202	<p>Kaon-proton strong interaction at low relative momentum via femtoscopy in Pb-Pb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2021, 822, 136708.</p>	4.1	8
203	<p>The high-energy proton fluxes in the SAA observed with REM aboard the MIR orbital station. <i>Radiation Measurements</i>, 2002, 35, 489-497.</p>	1.4	7
204	<p>Pionic hydrogen and deuterium. <i>Hyperfine Interactions</i>, 2012, 209, 57-62.</p>	0.5	7
205	<p>A Search for ϕ Meson Nucleus Bound State Using Antiproton Annihilation on Nucleus. <i>Acta Physica Polonica B</i>, 2014, 45, 819.</p>	0.8	7
206	<p>First measurement of dE/dx with a GEM-based TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i>, 2014, 737, 214-221.</p>	1.6	7
207	<p>Centrality dependence of subthreshold meson production in Ni + Ni collisions at $\sqrt{s}=1.9$ TeV. <i>Physical Review C</i>, 2016, 94, .</p>	2.9	7
208	<p>Measurements of low-p_T electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i>, 2018, 2018, 1.</p>	4.7	7
209	<p>Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2018, 780, 372-383.</p>	4.1	7
210	<p>Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i>, 2019, 100, .</p>	4.1	7
211	<p>Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review C</i>, 2019, 100, .</p>	2.9	7
212	<p>ALICE measurements of flow coefficients and their correlations in small (pp and p-Pb) and large (Xe and Pb) collision systems. <i>Nuclear Physics A</i>, 2019, 982, 487-490.</p>	1.5	7
213	<p>Higher moment fluctuations of identified particle distributions from ALICE. <i>Nuclear Physics A</i>, 2019, 982, 851-854.</p>	1.5	7
214	<p>Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i>, 2020, 102, .</p>	2.9	7
215	<p>Production of photons from heavy-flavour hadron decays at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2021, 820, 136</p>	4.1	7
216	<p>Production of photons from heavy-flavour hadron decays at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2021, 820, 136</p>	4.1	7

#	ARTICLE	IF	CITATIONS
217	Feasibility studies for the measurement of time-like proton electromagnetic form factors from $p \rightarrow \mu^+ \mu^-$ at $\sqrt{s} = 13$ TeV at FAIR. European Physical Journal A, 2021, 57, 1.	2.5	7
218	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
219	Observations of the outer radiation belt with REM and comparisons with models. IEEE Transactions on Nuclear Science, 1999, 46, 1469-1474.	2.0	6
220	Studies of GM-APD (SiPM) properties. Journal of Instrumentation, 2009, 4, P09004-P09004.	1.2	6
221	The AMADEUS experiment – precision measurements of low-energy antikaon nucleus/nucleon interactions. Nuclear Physics A, 2010, 835, 410-413.	1.5	6
222	Measurement of $K^0_S \rightarrow \pi^+ \pi^-$ branching ratio. Journal of Instrumentation, 2011, 6, C11024-C11024.	2.9	6
223	Position sensitive SiPM detector for Cherenkov applications. Journal of Instrumentation, 2011, 6, C11024-C11024.	1.2	6
224	Status of the PANDA Barrel DIRC. Journal of Instrumentation, 2014, 9, C05060-C05060.	1.2	6
225	Production of muons from heavy-flavour hadron decays in $p\bar{p}$ collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 159-172.	6	6
226	Dielectron production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
227	Spin alignment measurements using vector mesons with ALICE detector at the LHC. Nuclear Physics A, 2019, 982, 515-518.	1.5	6
228	Measurement of nuclear effects on $\bar{\Lambda}(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
229	Longitudinal and azimuthal volutins of two-particle transverse momentum correlations in $Pb\bar{Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 798, 133-173.	4.1	6
230	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
231	Measurement of $\Lambda(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136481.	4.1	6
232	Inclusive ψ' production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
233	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
234	EUVID – a compact, high-resolution imaging detector for the wavelength range. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 386, 280-294.	1.6	5

#	ARTICLE	IF	CITATIONS
235	Modeling of the outer electron belt during magnetic storms. Radiation Measurements, 1999, 30, 559-567.	1.4	5
236	Pionic hydrogen and friends. Hyperfine Interactions, 2015, 234, 105-111.	0.5	5
237	Exploring the Phase Space of Jet Splittings at ALICE using Grooming and Recursive Techniques. Nuclear Physics A, 2019, 982, 587-590.	1.5	5
238	Balance functions of (un)identified hadrons in Pb-Pb, p-Pb, and pp collisions at the LHC. Nuclear Physics A, 2019, 982, 315-318.	1.5	5
239	Energy and system dependence of nuclear modification factors of inclusive charged particles and identified light hadrons measured in p-Pb, Xe-Xe and Pb-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 567-570.	1.5	5
240	Addressing the hypertriton lifetime puzzle with ALICE at the LHC. Nuclear Physics A, 2019, 982, 815-818.	1.5	5
241	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{NN}}=5.02$ TeV p-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
242	The potential of Λ and Ξ studies with PANDA at FAIR. European Physical Journal A, 2021, 57, 1.	2.5	5
243	Extreme UV imaging telescope array on the spectrum X-C satellite. , 1990, 1344, 132.		4
244	Search for $\bar{\eta}$ -Meson Nuclear Bound States in the $\overline{p} + \text{AZ} \rightarrow \bar{\eta} + \text{A-1}\bar{\eta}$ (Z-1) Reaction. Progress of Theoretical Physics Supplement, 2010, 186, 337-342.	0.1	4
245	Unfolding and validation of SREM fluxes. , 2011, , .		4
246	Study of timing performance of silicon photomultiplier and application for a Cherenkov detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 393-397.	1.6	4
247	A Search for Deeply-bound Kaonic Nuclear States by In-flight $^3\text{He}(K^-, n)$ Reaction at J-PARC. Acta Physica Polonica B, 2014, 45, 767.	0.8	4
248	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	4.1	4
249	Light (anti-)nuclei production and elliptic flow at the LHC with ALICE. Nuclear Physics A, 2019, 982, 447-450.	1.5	4
250	ALICE results on system-size dependence of charged-particle multiplicity density in p-Pb, Pb-Pb and Xe-Xe collisions. Nuclear Physics A, 2019, 982, 279-282.	1.5	4
251	Measurements of the chiral magnetic effect in Pb-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 543-546.	1.5	4
252	Investigating correlated fluctuations of conserved charges with net- \hat{b} fluctuations in Pb-Pb collisions at ALICE. Nuclear Physics A, 2019, 982, 299-302.	1.5	4

#	ARTICLE	IF	CITATIONS
253	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
254	Wide-acceptance measurement of the K^0_S ratio from Ni+Ni collisions at $\sqrt{s_{NN}} = 1.91$ TeV. Physical Review C, 2019, 99, .	2.9	4
255	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
256	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, .	2.9	4
257	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4
258	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
259	Inclusive heavy-flavour production at central and forward rapidity in Xe+Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136437.	4.1	4
260	Production of ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
261	REM measurements aboard Mir during 1995. Advances in Space Research, 1998, 21, 1645-1649.	2.6	3
262	Inner belt anisotropy investigations based on the Standard Radiation Environment Monitor (SREM). , 2009, , .		3
263	THE SEARCH FOR DEEPLY BOUND KAONIC NUCLEAR STATES AT J-PARC. International Journal of Modern Physics A, 2011, 26, 561-563.	1.5	3
264	The Barrel DIRC of PANDA. Journal of Instrumentation, 2012, 7, C02008-C02008.	1.2	3
265	Studies at the border between nuclear and atomic physics: Weak decays of highly charged ions. Journal of Physics: Conference Series, 2017, 875, 012008.	0.4	3
266	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
267	Measurement of isolated photon-hadron correlations in $\sqrt{s_{NN}} = 5.02$ TeV pp collisions and $\sqrt{s_{NN}} = 2.76$ TeV p-Pb collisions. Physical Review C, 2020, 102, .	2.9	3
268	Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s} = 13.6$ TeV. Physical Review Letters, 2021, 127, 042302.	7.8	3
269	Production of K^0_S and K^0_L in jets in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 102, .	4.1	3
270	Measurement of K^0_S production in inelastic pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 828, 137013.	4.1	3

#	ARTICLE	IF	CITATIONS
271	Multiplicity dependence of charged-particle jet production in pp collisions at $\sqrt{s} = 13\text{-TeV}$. European Physical Journal C, 2022, 82, .	3.9	3
272	EUVITA - an extreme UV imaging telescope array with spectral capability. Experimental Astronomy, 1993, 4, 117-135.	3.7	2
273	Measurements of the Radiation Environment with REM. , 2000, , .		2
274	Pionic deuterium. Hyperfine Interactions, 2009, 193, 47-52.	0.5	2
275	Pionic Deuterium. EPJ Web of Conferences, 2010, 3, 03006.	0.3	2
276	Prototyping the PANDA Barrel DIRC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 32-35.	1.6	2
277	An automated procedure for the analysis of time-resolved Schottky spectra. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 819, 167-174.	1.6	2
278	Spectroscopic study of the $\hat{\Lambda}(1405)$ resonance via the $d(K^{\hat{+}}, n)$ reaction at J-PARC. AIP Conference Proceedings, 2019, , .	0.4	2
279	Quarkonium measurements in nucleus-nucleus collisions with ALICE. Nuclear Physics A, 2019, 982, 703-706.	1.5	2
280	Measurements of heavy-flavour correlations and jets with ALICE at the LHC. Nuclear Physics A, 2019, 982, 579-582.	1.5	2
281	Upgrade of the ALICE central barrel tracking detectors: ITS and TPC. Nuclear Physics A, 2019, 982, 943-946.	1.5	2
282	Dielectron measurements in pp and Pb-Pb collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 779-782.	1.5	2
283	Measurements of anisotropic flow and flow fluctuations in Xe-Xe and Pb-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 367-370.	1.5	2
284	Measurements of the cross-section of $^{111}\text{Cd}(n, n^{\hat{+}})^{111}\text{mCd}$ reaction for $^{241}\text{Am}/\text{Be}$ neutrons. Modern Physics Letters A, 2021, 36, 2150084.	1.2	2
285	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76\text{TeV}$. European Physical Journal C, 2021, 81, 1.	3.9	2
286	Measurements of the radiation belts from Mir and STRV 1994-1997. , 0, , .		1
287	Search for kaonic nuclear state, $K^{\hat{+}}$ pp, in the $p^{\hat{+}}p^{\hat{+}}K^{\hat{+}}$ reaction with FOPI. Hyperfine Interactions, 2009, 193, 189-194.	0.5	1
288	Spectroscopic study of $\hat{\Lambda}(1405)$ via the in-flight $(K^{\hat{+}}, n)$ reaction on deuteron. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
289	SiPM-based veto detector for the pion beam at FOPI. <i>Hyperfine Interactions</i> , 2012, 211, 49-52.	0.5	1
290	Studying hadrons in matter with PANDA. <i>Hyperfine Interactions</i> , 2012, 209, 105-110.	0.5	1
291	A Search for Deeply Bound Kaonic Nuclear States at J-PARC. <i>Few-Body Systems</i> , 2013, 54, 1195-1199.	1.5	1
292	A search for the $K^{\bar{0}}$ pp bound state in the $^3\text{He}(K^{\bar{0}}\text{-in-flight},n)$ reaction at J-PARC. <i>EPJ Web of Conferences</i> , 2014, 66, 09008.	0.3	1
293	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 785, 320-331.	4.1	1
294	$\phi(980)$ resonance production in pp collisions with the ALICE detector at the LHC. <i>Nuclear Physics A</i> , 2019, 982, 201-203.	1.5	1
295	Heavy-flavour hadron decay leptons in Pb-Pb and Xe-Xe collisions at the LHC with ALICE. <i>Nuclear Physics A</i> , 2019, 982, 651-654.	1.5	1
296	Muon physics at forward rapidity with the ALICE detector upgrade. <i>Nuclear Physics A</i> , 2019, 982, 947-950.	1.5	1
297	Exploring jet profiles in Pb-Pb collisions at 5.02 TeV with the ALICE detector. <i>Nuclear Physics A</i> , 2019, 982, 639-642.	1.5	1
298	Quarkonium production in p-Pb collisions with ALICE. <i>Nuclear Physics A</i> , 2019, 982, 739-742.	1.5	1
299	Constraining production models with light (anti-)nuclei measurements in small systems with ALICE at the LHC. <i>Nuclear Physics A</i> , 2019, 982, 895-898.	1.5	1
300	$K^{\bar{0}}$ pp bound system at J-PARC. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
301	Frontend Electronics for high-precision single photo-electron timing. , 2015, , .		1
302	\mathcal{K}_S^0 and (anti)- Λ -hadron correlations in pp collisions at $\sqrt{s} = 13\text{TeV}$. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	1
303	EUVITA - An extreme UV imaging telescope array with spectral capability. <i>Advances in Space Research</i> , 1993, 13, 299-302.	2.6	0
304	ROSAT Spectra of Quasars. <i>Symposium - International Astronomical Union</i> , 1994, 159, 369-369.	0.1	0
305	The EUVITA experiment onboard the Spectrum-X-Gamma mission. <i>Advances in Space Research</i> , 1995, 16, 127-130.	2.6	0
306	A high-resolution imaging detector for VUV applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997, 387, 50-52.	1.6	0

#	ARTICLE	IF	CITATIONS
307	IREM Observations of the Initial Spike from the SGR1806-20 Giant Flare. AIP Conference Proceedings, 2005, , .	0.4	0
308	Low energy kaon nuclei interaction studies at DAΦNE. EPJ Web of Conferences, 2010, 3, 03021.	0.3	0
309	A search for deeply-bound kaonic nuclear states at J-PARC. EPJ Web of Conferences, 2010, 3, 07015.	0.3	0
310	A search for deeply bound kaonic nuclear states at J-PARC. , 2010, , .		0
311	A search for $\bar{\Lambda}$ meson nucleus bound state using antiproton annihilation on nucleus. Hyperfine Interactions, 2012, 213, 23-29.	0.5	0
312	A Time Projection Chamber for continuous readout. , 2013, , .		0
313	Monitoring of the Radiation Belts With the Radiation Environment Monitor REM. Geophysical Monograph Series, 2013, , 265-267.	0.1	0
314	Search for the \bar{K}^0 pp bound state via the in-flight $^3\text{He}(\bar{K}^0, n)$ reaction. EPJ Web of Conferences, 2014, 81, 02016.	0.3	0
315	Search for the \bar{K}^0 pp bound state via the $^3\text{He}(\bar{K}^0, n)$ reaction at 1 GeV/c. Journal of Physics: Conference Series, 2014, 569, 012080.	0.4	0
316	Silvio: A trigger for Λ -hyperons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 745, 38-49.	1.6	0
317	A Disc-DIRC Cherenkov detector with high resolution micro channel plate photomultiplier tubes. , 2014, , .		0
318	Study of the elementary (\bar{K}^0, n) reactions to search for the \bar{K}^0 NN bound state via the $^3\text{He}(\bar{K}^0, n)$ reaction at J-PARC. AIP Conference Proceedings, 2016, , .	0.4	0
319	Non-strange and strange D-meson and charm-baryon production in heavy-ion collisions measured with ALICE at the LHC. Nuclear Physics A, 2019, 982, 667-670.	1.5	0
320	The evolution of the near-side peak in two-particle number and transverse momentum correlations in Pb-Pb collisions from ALICE. Nuclear Physics A, 2019, 982, 363-366.	1.5	0
321	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$ with the ALICE detector. Nuclear Physics A, 2019, 982, 383-386.	1.5	0
322	Electroweak boson measurements in p-Pb and Pb-Pb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$ with ALICE at the LHC. Nuclear Physics A, 2019, 982, 783-786.	1.5	0
323	Pion-kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$ measured with ALICE. Nuclear Physics A, 2019, 982, 351-354.	1.5	0
324	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Nuclear Physics A, 2019, 982, 195-197.		0

#	ARTICLE	IF	CITATIONS
325	Open heavy-flavour production and elliptic flow in p-Pb collisions at the LHC with ALICE. Nuclear Physics A, 2019, 982, 691-694.	1.5	0
326	Development of a GEM-TPC prototype. , 2010, , .		0
327	Pionic hydrogen and deuterium. , 2012, , 57-62.		0
328	EXA 2011. , 2012, , .		0
329	Search for deeply bound Kaonic nuclear states via $^3\text{He}(\langle i \rangle K \langle /i \rangle \langle \sup \rangle \hat{\langle /sup \rangle}, n)$ reaction at J-PARC. , 2014, , .		0
330	The DIRC Detectors at the PANDA Experiment. , 2015, , .		0
331	EXA 2014. , 2017, , .		0