Lukas Nellen

List of Publications by Year
in descending order

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		9786	9589
437	24,431	73	142
papers	citations	h-index	g-index

447	447	447	13998
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of the background for a neutrino search with the HAWC observatory. Astroparticle Physics, 2022, 137, 102670.	4.3	2
2	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
3	Production of light (anti)nuclei in pp collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	9
4	Testing effects of Lorentz invariance violation in the propagation of astroparticles with the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 023.	5.4	5
5	Prompt D0, D+, and D*+ production in Pbâ€“Pb collisions at $$ sqrt{s_{mathrm{NN}}} $$ = 5.02 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
6	Cosmic ray spectrum of protons plus helium nuclei between 6 and 158ÂTeV from HAWC data. Physical Review D, 2022, 105, .	4.7	12
7	HAWC Study of the Ultra-high-energy Spectrum of MGRO J1908+06. Astrophysical Journal, 2022, 928, 116.	4.5	6
8	Production of light (anti)nuclei in pp collisions at $$sqrt{s} = 5.02$$ÂTeV. European Physical Journal C, 2022, 82, 1.	3.9	7
9	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $$mathbf {sqrt{ s} = 13}$$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	6
10	Long-term Spectra of the Blazars Mrk 421 and Mrk 501 at TeV Energies Seen by HAWC. Astrophysical Journal, 2022, 929, 125.	4.5	8
11	Gamma/hadron separation with the HAWC observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1039, 166984.	1.6	3
12	A Search for Photons with Energies Above 2 Ã— 10¹⁷ eV Using Hybrid Data from the Low-Energy Extensions of the Pierre Auger Observatory. Astrophysical Journal, 2022, 933, 125.	4.5	21
13	Probing the Extragalactic Mid-infrared Background with HAWC. Astrophysical Journal, 2022, 933, 223.	4.5	0
14	A Survey of Active Galaxies at TeV Photon Energies with the HAWC Gamma-Ray Observatory. Astrophysical Journal, 2021, 907, 67.	4.5	13
15	Design, upgrade and characterization of the silicon photomultiplier front-end for the AMIGA detector at the Pierre Auger Observatory. Journal of Instrumentation, 2021, 16, P01026-P01026.	1.2	13
16	Evidence of 200 TeV Photons from HAWC J1825-134. Astrophysical Journal Letters, 2021, 907, L30.	8.3	34
17	Centrality dependence of J/Ï^ and Ï^(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
18	Fair Weather Neutron Bursts From Photonuclear Reactions by Extensive Air Shower Core Interactions in the Ground and Implications for Terrestrial Gammaâ€ray Flash Signatures. Geophysical Research Letters, 2021, 48, e2020GL090033.	4.0	7

#	Article	IF	Citations
19	Production of light-flavor hadrons in pp collisions at $$sqrt{s}~=~7ext { and }sqrt{s} = 13 , ext { TeV} $$. European Physical Journal C, 2021, 81, 1.	3.9	23
20	HAWC observations of the acceleration of very-high-energy cosmic rays in the Cygnus Cocoon. Nature Astronomy, 2021, 5, 465-471.	10.1	62
21	Spectrum and Morphology of the Very-high-energy Source HAWC J2019+368. Astrophysical Journal, 2021, 911, 143.	4.5	14
22	Calibration of the underground muon detector of the Pierre Auger Observatory. Journal of Instrumentation, 2021, 16, P04003.	1.2	5
23	Evidence that Ultra-high-energy Gamma Rays Are a Universal Feature near Powerful Pulsars. Astrophysical Journal Letters, 2021, 911, L27.	8.3	32
24	Measurement of the Fluctuations in the Number of Muons in Extensive Air Showers with the Pierre Auger Observatory. Physical Review Letters, 2021, 126, 152002.	7.8	34
25	HAWC Search for High-mass Microquasars. Astrophysical Journal Letters, 2021, 912, L4.	8.3	3
26	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
27	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
28	Probing the Sea of Cosmic Rays by Measuring Gamma-Ray Emission from Passive Giant Molecular Clouds with HAWC. Astrophysical Journal, 2021, 914, 106.	4.5	9
29	HAWC as a Ground-Based Space-Weather Observatory. Solar Physics, 2021, 296, 1.	2.5	2
30	Deep-learning based reconstruction of the shower maximum X _{max} using the water-Cherenkov detectors of the Pierre Auger Observatory. Journal of Instrumentation, 2021, 16, P07019.	1.2	16
31	Extraction of the muon signals recorded with the surface detector of the Pierre Auger Observatory using recurrent neural networks. Journal of Instrumentation, 2021, 16, P07016.	1.2	11
32	Production of pions, kaons, (anti-)protons and $$phi $$ mesons in Xeâ€“Xe collisions at $$sqrt{s_{mathrm{NN}}}$$Â=Â5.44 TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
33	Design and implementation of the AMIGA embedded system for data acquisition. Journal of Instrumentation, 2021, 16, T07008.	1.2	3
34	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $$sqrt{s}$$Â=Â5.02, 7 and 13 TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
35	Coherent $$mathrm{J}/psi $$Âand $${uppsi '}$$Âphotoproduction at midrapidity in ultra-peripheral Pbâ€“Pb Âcollisions at $$sqrt{s_{mathrm {NN}}}~=~5.02$$ÂTeV. European Physical Journal C, 2021, 81, 1.	3.9	18
36	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

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37	Multimessenger Gamma-Ray and Neutrino Coincidence Alerts Using HAWC and IceCube Subthreshold Data. Astrophysical Journal, 2021, 906, 63.	4.5	9
38	Jet fragmentation transverse momentum distributions in pp and p-Pb collisions at $$ sqrt{s} $$, $$ sqrt{s_{mathrm{NN}}} $$ = 5.02 TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
39	$$mathrm {K_S}^{0}$$- and (anti-)$$Lambda $$-hadron correlations in pp collisions atÂ$${sqrt{s}} = 13$$ÂTeV. European Physical Journal C, 2021, 81, 1.	3.9	1
40	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
41	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
42	Measurement of the production cross section of prompt $$ {Xi}_{mathrm{c}}^0 $$ baryons at midrapidity in pp collisions at $$ sqrt{s} $$ = 5.02 TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
43	The energy spectrum of cosmic rays beyond the turn-down around $$varvec{10^{17}}$$ÂeV as measured with the surface detector of the Pierre Auger Observatory. European Physical Journal C, 2021, 81, 1.	3.9	44
44	Charged-particle multiplicity fluctuations in Pbâ€“Pb collisions at $$sqrt{s_{mathrm {NN}}}$$ Â=Â2.76ÂTeV. European Physical Journal C, 2021, 81, 1.	3.9	2
45	Inclusive $$ext {J}/psi $$ production at midrapidity in pp collisions at $$sqrt{s} = 13$$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
46	Multiplicity dependence of light (anti-)nuclei production in pâ€“Pb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mn>5.02</mml:mn></mml:math> TeV. Physics Letters B, 2021, 819, 136429.	4.1	27
47	Measurements of the cosmic-ray energy spectrum above <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>2.5</mml:mn><mml:mo>Ã—</mml:mo><mml:msup><mml:mn>10</mml:mn><mml:mn>18</mml:mn></mml:msup> using the Pierre Auger Observatory. Physical Review D, 2020, 102, .	4.7	98
48	J/Ï^ 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
49	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
50	Constraining the local burst rate density of primordial black holes with HAWC. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 026-026.	5.4	16
51	Multiplicity dependence of $$pi $$, K, and p production in pp collisions at $$sqrt{s} = 13$$ÂTeV. European Physical Journal C, 2020, 80, 1.	3.9	38
52	Azimuthal correlations of prompt D mesons with charged particles in pp and pâ€“Pb collisions at $$varvec{sqrt{s_mathrm{NN}}} = 5.02 hbox {TeV}$$. European Physical Journal C, 2020, 80, 1.	3.9	11
53	Features of the Energy Spectrum of Cosmic Rays above <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>2.5</mml:mn><mml:mo>Ã—</mml:mo><mml:msup><mml:mn>10</mml:mn><mml:mn>18</mml:mn></mml:msup> Using the Pierre Auger Observatory. Physical Review Letters, 2020, 125, 121106.	7.8	79
54	Measurement of nuclear effects on Ï^(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

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55	Studies on the response of a water-Cherenkov detector of the Pierre Auger Observatory to atmospheric muons using an RPC hodoscope. Journal of Instrumentation, 2020, 15, P09002-P09002.	1.2	5
56	Direct measurement of the muonic content of extensive air showers between $$mathbf { 2imes 10^{17}}$$ and $$mathbf {2imes 10^{18}}~$$eV at the Pierre Auger Observatory. European Physical Journal C, 2020, 80, 1.	3.9	36
57	Reconstruction of events recorded with the surface detector of the Pierre Auger Observatory. Journal of Instrumentation, 2020, 15, P10021-P10021.	1.2	20
58	J/ΐ 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
59	(Anti-)deuteron production in pp collisions at $$sqrt{s}=13 ext {TeV}$$. European Physical Journal C, 2020, 80, 1.	3.9	24
60	Search for magnetically-induced signatures in the arrival directions of ultra-high-energy cosmic rays measured at the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 017-017.	5.4	10
61	HAWC J2227+610 and Its Association with G106.3+2.7, a New Potential Galactic PeVatron. Astrophysical Journal Letters, 2020, 896, L29.	8.3	48
62	A 3â€Year Sample of Almost 1,600 Elves Recorded Above South America by the Pierre Auger Cosmicâ€Ray Observatory. Earth and Space Science, 2020, 7, e2019EA000582.	2.6	9
63	Measurement of $$Lambda $$(1520) production in pp collisions at $$sqrt{s} = 7 hbox {TeV}$$ and pâ€“Pb collisions at $$sqrt{s_{mathrm{NN}}} = 5.02 hbox {TeV}$$. European Physical Journal C, 2020, 80, 1.	3.9	10
64	Constraints on Lorentz Invariance Violation from HAWC Observations of Gamma Rays above 100ÂTeV. Physical Review Letters, 2020, 124, 131101.	7.8	40
65	Search for gamma-ray spectral lines from dark matter annihilation in dwarf galaxies with the High-Altitude Water Cherenkov observatory. Physical Review D, 2020, 101, .	4.7	18
66	Coherent photoproduction of ϊϴ vector mesons in ultra-peripheral Pb-Pb collisions at $$ sqrt{{mathrm{s}}_{mathrm{NN}}} $$ = 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
67	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
68	Exploration of jet substructure using iterative declustering in pp and Pbâ€“Pb collisions at LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135227.	4.1	20
69	Studies of J/ΐ production at forward rapidity in Pbâ€“Pb collisions at $$ sqrt{s_{mathrm{NN}}} $$ = 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
70	Multiple Galactic Sources with Emission Above 56ÂTeV Detected by HAWC. Physical Review Letters, 2020, 124, 021102.	7.8	143
71	Evidence of rescattering effect in Pbâ€“Pb collisions at the LHC through production of K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mmultiscripts><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mn>892</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 94.1d (stretchy="false"/><mml:mrow><mml:mn>0</mml:mn></mml:mrow><mml:mprescripts/><mml:none	4.7	13
72	Cosmic-Ray Anisotropies in Right Ascension Measured by the Pierre Auger Observatory. Astrophysical Journal, 2020, 891, 142.	4.5	39

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73	Constraints on the Emission of Gamma-Rays from M31 with HAWC. Astrophysical Journal, 2020, 893, 16.	4.5	1
74	Measurement of strange baryonâ€“antibaryon interactions with femtoscopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
75	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $$sqrt{s}$$Â=Â13 TeV. European Physical Journal C, 2020, 80, 1.	3.9	49
76	Underlying event properties in pp collisions at $$ sqrt{s} $$ = 13 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
77	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
78	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
79	A Search for Ultra-high-energy Neutrinos from TXS 0506+056 Using the Pierre Auger Observatory. Astrophysical Journal, 2020, 902, 105.	4.5	13
80	3HWC: The Third HAWC Catalog of Very-high-energy Gamma-Ray Sources. Astrophysical Journal, 2020, 905, 76.	4.5	99
81	Interplanetary Magnetic Flux Rope Observed at Ground Level by HAWC. Astrophysical Journal, 2020, 905, 73.	4.5	2
82	HAWC and Fermi-LAT Detection of Extended Emission from the Unidentified Source 2HWC J2006+341. Astrophysical Journal Letters, 2020, 903, L14.	8.3	5
83	Production of $$omega $$ mesons in pp collisions at $$mathbf {sqrt{s}=7,ext {TeV}}$$. European Physical Journal C, 2020, 80, 1.	3.9	4
84	Searching for dark matter sub-structure with HAWC. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 022-022.	5.4	9
85	Measurement of jet radial profiles in PbâC“Pb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo Production of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ï</mml:mi><mml:msup><mml:mrow><mml:mo>(</mml:m meson in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:ma and Pb-Pb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi>.	4.1	7
86	Charged-particle pseudorapidity density at mid-rapidity in pâ€“Pb collisions at $$pmb {sqrt{s_{scriptscriptstyle {mathrm{NN}}}}}$$ s NN = 8.16 TeV. European Physical Journal C, 2019, 79, 1.	2.9	20
87	Probing the origin of ultra-high-energy cosmic rays with neutrinos in the EeV energy range using the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 022-022.	3.9	12
88	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	5.4	64
89	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	7.8	66
90		1.2	8

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91	Charged-particle production as a function of multiplicity and transverse spherocity in pp collisions at $$ sqrt{mathbf{s}} =mathbf{5.02}$$ and 13ÂTeV. European Physical Journal C, 2019, 79, 1.	3.9	49
92	Data-driven estimation of the invisible energy of cosmic ray showers with the Pierre Auger Observatory. Physical Review D, 2019, 100, .	4.7	20
93	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
94	Measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Ï’</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:mi>S</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (stre Collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><m	7.8	38
95	Limits on point-like sources of ultra-high-energy neutrinos with the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 004-004.	5.4	18
96	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mtext>â^’</mml:mtext><mml:mi>Pb</mml:mi></mml:mrow></mml:math> , Xe-Xe, and Pb-Pb Collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	7.8	64
97	Measurement of the Crab Nebula Spectrum Past 100 TeV with HAWC. Astrophysical Journal, 2019, 881, 134.	4.5	98
98	Multi-Messenger Physics With the Pierre Auger Observatory. Frontiers in Astronomy and Space Sciences, 2019, 6, .	2.8	20
99	Combining Cherenkov and scintillation detector observations with simulations to deduce the nature of high-energy radiation excesses during thunderstorms. Physical Review D, 2019, 100, .	4.7	11
100	One-dimensional charged kaon femtoscopy in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> -Pb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mi mathvariant="italic">NN</mml:mi></mml:msub></mml:msqrt></mml:math> = 5.02 TeV. Physical Review C, 2019, 100, .	2.9	7
101	Quarkonium measurements in nucleusâ€“nucleus collisions with ALICE. Nuclear Physics A, 2019, 982, 703-706.	1.5	2
102	Light (anti-)nuclei production and elliptic flow at the LHC with ALICE. Nuclear Physics A, 2019, 982, 447-450.	1.5	4
103	Measurements of heavy-flavour correlations and jets with ALICE at the LHC. Nuclear Physics A, 2019, 982, 579-582.	1.5	2
104	Event-shape- and multiplicity-dependent identified particle production in pp collisions at 13 TeV with ALICE at the LHC. Nuclear Physics A, 2019, 982, 507-510.	1.5	9
105	Upgrade of the ALICE central barrel tracking detectors: ITS and TPC. Nuclear Physics A, 2019, 982, 943-946.	1.5	2
106	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
107	ALICE measurements of flow coefficients and their correlations in small (pp and pâ€“Pb) and large (Xeâ€“Xe and Pbâ€“Pb) collision systems. Nuclear Physics A, 2019, 982, 487-490.	1.5	7
108	Exploring the Phase Space of Jet Splittings at ALICE using Grooming and Recursive Techniques. Nuclear Physics A, 2019, 982, 587-590.	1.5	5

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109	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
110	Elliptic flow of identified hadrons in small collisional systems measured with ALICE. Nuclear Physics A, 2019, 982, 451-454.	1.5	8
111	Balance functions of (un)identified hadrons in Pbâ€“Pb, pâ€“Pb, and pp collisions at the LHC. Nuclear Physics A, 2019, 982, 315-318.	1.5	5
112	f0(980) resonance production in pp collisions with the ALICE detector at the LHC. Nuclear Physics A, 2019, 982, 201-203.	1.5	1
113	Heavy-flavour hadron decay leptons in Pbâ€“Pb and Xeâ€“Xe collisions at the LHC with ALICE. Nuclear Physics A, 2019, 982, 651-654.	1.5	1
114	The evolution of the near-side peak in two-particle number and transverse momentum correlations in Pbâ€“Pb collisions from ALICE. Nuclear Physics A, 2019, 982, 363-366.	1.5	0
115	Non-linear flow modes of identified particles in Pbâ€“Pb collisions at sNN=5.02TeV with the ALICE detector. Nuclear Physics A, 2019, 982, 383-386.	1.5	0
116	ALICE results on system-size dependence of charged-particle multiplicity density in pâ€“Pb, Pbâ€“Pb and Xeâ€“Xe collisions. Nuclear Physics A, 2019, 982, 279-282.	1.5	4
117	Energy dependence of Ï•(1020) production at mid-rapidity in pp collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 180-182.	1.5	18
118	Testing the system size dependence of hydrodynamical expansion and thermal particle production with Ï€, K, p, and Ï• in Xeâ€“Xe and Pbâ€“Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 427-430.	1.5	16
119	Dielectron measurements in pp and Pbâ€“Pb colllisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 779-782.	1.5	2
120	Electroweak boson measurements in p-Pb and Pb-Pb collisions at sNN=5.02TeV with ALICE at the LHC. Nuclear Physics A, 2019, 982, 783-786.	1.5	0
121	Muon physics at forward rapidity with the ALICE detector upgrade. Nuclear Physics A, 2019, 982, 947-950.	1.5	1
122	Pion-kaon femtoscopy in Pbâ€“Pb collisions at sNN=2.76TeV measured with ALICE. Nuclear Physics A, 2019, 982, 351-354.	1.5	0
123	Energy and system dependence of nuclear modification factors of inclusive charged particles and identified light hadrons measured in pâ€“Pb, Xeâ€“Xe and Pbâ€“Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 567-570.	1.5	5
124	Direct photon elliptic flow in Pbâ€“Pb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>2.76</mml:mn><mml:mspace width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Nuclear Physics A, 2019, 982, 195-197.	1.5	0
125	Measurements of the chiral magnetic effect in Pbâ€“Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 543-546.	1.5	4
126	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

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127	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
128	Addressing the hypertriton lifetime puzzle with ALICE at the LHC. Nuclear Physics A, 2019, 982, 815-818.	1.5	5
129	Investigating correlated fluctuations of conserved charges with net-Î› fluctuations in Pbâ€“Pb collisions at ALICE. Nuclear Physics A, 2019, 982, 299-302.	1.5	4
130	Quarkonium production in p-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 739-742.	1.5	1
131	Measurements of anisotropic flow and flow fluctuations in Xeâ€“Xe and Pbâ€“Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 367-370.	1.5	2
132	Constraining production models with light (anti-)nuclei measurements in small systems with ALICE at the LHC. Nuclear Physics A, 2019, 982, 895-898.	1.5	1
133	Spin alignment measurements using vector mesons with ALICE detector at the LHC. Nuclear Physics A, 2019, 982, 515-518.	1.5	6
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135	Study of the Î›â€“Î› interaction with femtoscopy correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mspace width="0.25em" /><mml:mo linebreak="goodbreak" linebreakstyle="after">=</mml:mo><mml:mspace width="0.25em" /><mml:mn>5.02</mml:mn></mml:math> TeV. Physics Letters, Section B: Nuclear, Elementary	4.1	37
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146	Measurement of $${{mathrm{D}}^0}$$, $${{mathrm{D}}^+}$$, $${{mathrm{D}}^{*+}}$$ and $${{mathrm{D}}^+_{mathrm{s}}}$$ production in pp collisions at $${sqrt{{extit{s}}}~=~5.02~{ext {TeV}}}$$ with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
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152	Measurement of dielectron production in central Pb-Pb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mi>NN</mml:mi> width="0.16em" /><mml:mi>TeV</mml:mi></mml:mrow></mml:math>. Physical Review C, 2019, 99, .	2.9	14
153	mathvariant="normal">Î›</mml:mi><mml:mo>(</mml:mo><mml:mn>1520</mml:mn><mml:mo>)</mml:mo></mml:mrow></mml:math> resonance production in central Pb-Pb collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mi mathvariant="italic">NN</mml:mi></mml:msub></mml:msqrt><mml:mo>=</mml:mo><mml:mn>2.76</mml:mn></mml:mrow></mml:	2.9	20
154	Multiplicity dependence of light-flavor hadron production in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:ma collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo> width="0.16em" /><mml:mi>TeV</mml:mi></mml:mrow></mml:math>. Physical Review C, 2019, 99, .	2.9	89
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173	Production of … xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:math> nuclei, and their antinuclei in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:m … collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqr	2.9	71
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179	[illegible] xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.02</m … width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, [illegible]	4.1	12
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214	First measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mrow><mml:mi mathvariant="normal">Îž</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">c</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></mml:mrow></mml:msubsup></mml:math> production in pp collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.02< and 8.16 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	4.1	14
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233	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at Ph <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi></mml:msub></mml:msqrt><mml:mrow><mml:mi TeV. Physical Review C, 2017, 96, .	2.9	10
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240	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>K</mml:mi><mml:mo>*</mml:mo></mml:m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ï•</mml:mi><mml:mo>(</mml:mo><mml:mn>1020</mml:mn></mml meson production at high transverse momentum in <mml:math xmlns:mml="http://. Physical Review C, 2017, 95, .	2.9	86
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309	Azimuthal anisotropy of charged jet production in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi mathvariant="normal">NN</mml:mi></mml:mrow></mml:msub></mml:msqrt><mml:mo>=</mml:mo><mml:mn>2.76</mml:mn><m Pbâ€“Pb collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 511-525.	4.1	23
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