

Wladyslaw Henryk Trzaska

List of Publications by Year in descending order

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Version: 2024-02-01

488
papers

13,378
citations

20817

60
h-index

38395

95
g-index

493
all docs

493
docs citations

493
times ranked

9109
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of inclusive charged-particle b-jet production in pp and p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
2	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	9
3	Asymmetric and symmetric fission of excited nuclei of Hg and Pt at $\sqrt{s} = 180$ and 182 MeV. Journal of High Energy Physics, 2022, 2022, 1.	2.9	15
4	Combined sensitivity of JUNO and KM3NeT/ORCA to the neutrino mass ordering. Journal of High Energy Physics, 2022, 2022, 1.	4.7	4
5	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
6	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	6
7	Centrality dependence of J/ψ and $\Upsilon(2S)$ 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
8	Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1.	4.7	39
9	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 7$ and 13 TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
10	Long- and short-range correlations and their event-scale dependence in high-multiplicity pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
11	The spin-parities of the 13.35 MeV state and high-lying excited states around 20 MeV in ^{12}C nucleus. European Physical Journal A, 2021, 57, 1.	2.5	2
12	New NEMESIS Results. , 2021, , .		0
13	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
14	Coherent J/ψ and Υ 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
15	Asymmetric and symmetric fission of excited nuclei of Hg and Pt at $\sqrt{s} = 180$ and 190 MeV. Journal of High Energy Physics, 2022, 2022, 1.	2.9	20
16	Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
17	Jet fragmentation transverse momentum distributions in pp and p-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
18	JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.	3.9	11

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19	K_S^0 - and (anti)- Λ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	1
20	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
21	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
22	Measurement of the production cross section of prompt χ_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
23	Study of Binary Processes in the Reactions of $^{36}\mathrm{Ar} + ^{144}, ^{154}\mathrm{Sm}$ and $^{68}\mathrm{Zn} + ^{112}\mathrm{Sn}$ Leading to the Formation of Neutron-Deficient Compound 180, 190Hg Nuclei. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 1080-1084.	0.6	2
24	Investigating Mass-Energy Distributions of Fragments Produced in the $^{32}\mathrm{S} + ^{232}\mathrm{Th} \rightarrow ^{264}\mathrm{Sg}$ Reaction at Energies Below and Near the Coulomb Barrier. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 1085-1089.	0.6	1
25	The design and sensitivity of JUNO's scintillator radiopurity pre-detector OSIRIS. European Physical Journal C, 2021, 81, 1.	3.9	15
26	Radioactivity control strategy for the JUNO detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
27	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	2
28	Investigation on Competing Fission Modes in $^{178}\mathrm{Pt}^*$ Produced by $^{36}\mathrm{Ar} + ^{142}\mathrm{Nd}$ Reaction up to High Excitation Energies. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 1479-1485.	0.6	0
29	Inclusive ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
30	DM-like anomalies in neutron multiplicity spectra. Journal of Physics: Conference Series, 2021, 2156, 012029.	0.4	1
31	New ALICE detectors for Run 3 and 4 at the CERN LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162116.	1.6	7
32	Multiplicity dependence of light (anti)-nuclei production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Investigation of fusion probabilities in the reactions with $^{12}\mathrm{C}$ and $^{16}\mathrm{O}$ nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	4.1	27
33	Search for Signs of Neutron and Proton Halos in the Excited Isobaric Analog States of $A = 14$ Nuclei. JETP Letters, 2020, 112, 463-470.	1.4	2
34	χ_c^0 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
35	Investigation of fusion probabilities in the reactions with $^{12}\mathrm{C}$ and $^{16}\mathrm{O}$ nuclei. $^{12}\mathrm{C} + ^{12}\mathrm{C} \rightarrow ^{24}\mathrm{Mg}$, $^{12}\mathrm{C} + ^{16}\mathrm{O} \rightarrow ^{28}\mathrm{Si}$, and $^{16}\mathrm{O} + ^{16}\mathrm{O} \rightarrow ^{32}\mathrm{S}$. Physical Review C, 2020, 102, 014607.	2.9	18
36	Theia: an advanced optical neutrino detector. European Physical Journal C, 2020, 80, 1.	3.9	70

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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 π , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
39	High-multiplicity muon events observed with EMMA array. Journal of Physics: Conference Series, 2020, 1468, 012085.	0.4	0
40	Long-baseline neutrino oscillation physics potential of the DUNE experiment. European Physical Journal C, 2020, 80, 1.	3.9	93
41	Azimuthal correlations of prompt D mesons with charged particles in pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11
42	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
43	Possible neutron and proton halo structure in the isobaric analog states of $^{12}\mathrm{C}$ nuclei. Physical Review C, 2020, 102, .	2.9	12
44	v_2^{ℓ} 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
45	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
46	Formation and Decay of the Composite System $Z = 120$ in Reactions with Heavy Ions at Energies Near the Coulomb Barrier. Bulletin of the Russian Academy of Sciences: Physics, 2020, 84, 495-499.	0.6	9
47	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	7
48	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	18
49	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135375.	4.1	6
50	States of the $^{12}\mathrm{N}$ Nucleus with Increased Radii. JETP Letters, 2020, 111, 409-415.	1.4	4
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	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
53	Coherent photoproduction of \bar{K}^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
54	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

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55	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
56	Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
57	Features of the Fission Fragments Formed in the Heavy Ion induced $^{32}\text{S}+^{197}\text{Au}$ reaction near the interaction barrier. European Physical Journal A, 2020, 56, 1.	2.5	7
58	Measurements of inclusive jet spectra in and central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ and 5.02 TeV. Physical Review C, 2020, 101, .	2.9	29
59	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
60	Investigation of the Λ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
61	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
62	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
63	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
64	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
65	Production of Ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
66	Halo-like structure in ^7He nucleus. Journal of Physics: Conference Series, 2020, 1643, 012128.	0.4	0
67	Isospin triplet $A=12$: search for states with enhanced radii. Journal of Physics: Conference Series, 2020, 1643, 012079.	0.4	0
68	Isospin triplet $A=14$: search for states with enhanced radii. Journal of Physics: Conference Series, 2020, 1690, 012034.	0.4	0
69	Clusterization and strong coupled-channels effects in deuteron interaction with ^9Be nuclei. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 105110.	3.6	11
70	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ and 5.02 TeV. Production of the Ω meson in and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.1	7
71	Production of the Ω meson in and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	2.9	20
72	Measurements of inclusive jet spectra in and central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ and 5.02 TeV. Physical Review C, 2020, 101, .	2.9	29

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73	Neutron Structure of the Ground State of ^7He . JETP Letters, 2019, 110, 97-101.	1.4	2
74	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
75	Production of a ^{15}C radioactive ion beam based on $^{18}\text{O}(n, \alpha)$. European Physical Journal A, 2019, 55, 1.	2.5	0
76	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
77	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
78	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13.6 TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
79	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
80	Measurement of $\langle \mathcal{N} \rangle$ vs $\langle \mathcal{N} \rangle$ correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2019, 123, 142301.	7.8	38
81	Acoustic detection of neutrinos in bedrock. EPJ Web of Conferences, 2019, 216, 04009.	0.3	0
82	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2019, 123, 142301.	7.8	64
83	Cosmic-ray muon flux at Canfranc Underground Laboratory. European Physical Journal C, 2019, 79, 1.	3.9	15
84	One-dimensional charged kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2019, 123, 142301.	2.9	7
85	Coherent J/ψ production at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 131822.	4.1	64
86	Measurement of the production of charm jets tagged with D_0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.1	37
87	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	11
88	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
89	Suppression of the production of charm jets tagged with D_0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	28
90	Measurement of the production of charm jets tagged with D_0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	28

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91	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
92	Multiplicity dependence of χ production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	4.1	27
93	Multiplicity dependence of χ production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	4.1	27
94	Measurement of χ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
95	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
96	Energy dependence of exclusive χ/ψ photoproduction off protons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
97	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
98	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	2.9	64
99	Measurement of dilepton production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	2.9	64
100	Multiplicity dependence of light-flavor hadron production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 8 TeV. Physical Review C, 2019, 99, .	2.9	20
101	Multiplicity dependence of light-flavor hadron production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 8 TeV. Physical Review C, 2019, 99, .	2.9	89
102	ALICE Collaboration. Nuclear Physics A, 2019, 982, 975-984.	1.5	1
103	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
104	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
105	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18
106	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
107	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2019, 99, .	4.7	9
108	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2019, 99, .	4.7	9

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109	Measurement of prompt D0, D+, D*+, and D^*_s production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
110	The study of the ^{12}C states from the reaction $^{11}\text{B}(^3\text{He}, d)^{12}\text{C}$. Journal of Physics: Conference Series, 2019, 1390, 012009.	0.4	0
111	Measurement of charged-pion cross section in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 100, 014907.	4.7	8
112	Two-particle differential transverse momentum and number density correlations in pPb collisions at 5.02 TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. Physical Review C, 2019, 100, 014907.	2.9	10
113	Discovery of an Exceptionally Strong Λ^0 -Decay Transition of Λ^0 in ^2He Production in pPb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 100, 014907.	2.9	19
114	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 777, 151-162.	7.8	36
115	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 777, 151-162.	4.1	62
116	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 777, 151-162.	4.1	67
117	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 777, 151-162.	4.1	67
118	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 777, 151-162.	4.1	67
119	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
120	Measurement of the inclusive isolated photon production cross section in pPb collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
121	New Insight into the Cluster Structure of ^9Be by Reactions with Deuteron Beam. , 2019, ,		0
122	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, 014907.	2.9	15
123	Production of ^4He and ^4He nuclei, and their antinuclei in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2018, 97, 1-20.	2.9	71
124	Production of ^4He and ^4He nuclei, and their antinuclei in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2018, 97, 1-20.	1.5	74
125	Production of ^4He and ^4He nuclei, and their antinuclei in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2018, 97, 1-20.	4.1	67
126	Production of ^4He and ^4He nuclei, and their antinuclei in pPb collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.1	67

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127	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
128	New experimental stopping power data of 4He, 16O, 40Ar, 48Ca and 84Kr projectiles in different solid materials. Nuclear Instruments & Methods in Physics Research B, 2018, 418, 1-12. http://www.w3.org/1998/Math/MathML	1.4	13
129	D -Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2018, 120, 102301.	7.8	80
130	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
131	Production of n-rich Nuclei along the Closed Shell N=126 in the collision 136Xe + 208Pb @E lab =870 MeV. Journal of Physics: Conference Series, 2018, 1014, 012015.	0.4	0
132	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
133	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
134	Measurement of D0, D+, D*+ and D+s production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
135	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
136	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
137	A 4 tonne demonstrator for large-scale dual-phase liquid argon time projection chambers. Journal of Instrumentation, 2018, 13, P11003-P11003.	1.2	26
138	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
139	Investigation of the elastic and inelastic scattering of 3He from 9Be in the energy range 30–60 MeV. International Journal of Modern Physics E, 2018, 27, 1850089.	1.0	9
140	Investigation of the elastic and inelastic scattering of $^4\mathrm{He}$ from $^{11}\mathrm{B}$ in the energy range 29-50.5 MeV. Journal of Physics: Conference Series, 2018, 940, 012034.	0.4	4
141	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
142	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
143	Anode current saturation of ALD-coated Planacon [®] MCP-PMTs. Journal of Instrumentation, 2018, 13, T09001-T09001.	1.2	9
144	Neutral pion and η meson production in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	31

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145	Neutron halos in the excited states of ^{12}C . Physical Review C, 2018, 98, 014001.	2.9	16
146	Inclusive J/ψ production in Xe+Xe collisions at $\sqrt{s_{NN}}=5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.	5.44	10
147	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
148	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
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488	Underlying Event measurements in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV with the ALICE experiment at the LHC. , 0, .		1