

# 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	Neutrino physics with JUNO. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 030401.	3.6	750
2	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
3	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228
4	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
5	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900$ GeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
6	Charmonium and $e+e^{-}\gamma$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	3.9	203
7	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. European Physical Journal C, 2013, 73, 2456.	3.9	202
8	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=0.9$ and 2.36 TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	3.9	199
9	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	182
10	Direct photon production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	7.8	163
11	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
12	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
13	Strange particle production in proton-proton collisions at $\sqrt{s}=0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	140
14	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	139
15	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	138
16	Production of $\Lambda$ and $\bar{\Lambda}$ in proton-proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
17	Production of $\Lambda$ and $\bar{\Lambda}$ in proton-proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
18	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. European Physical Journal C, 2010, 65, 111-125.	3.9	124

#	ARTICLE	IF	CITATIONS
19	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118
20	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
21	Production of $K^*(892)^0$ and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
22	Multi-strange baryon production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 389-401.	4.1	111
23	Spectroscopy of transfermium nuclei: $^{102}252\mathrm{No}$ . Physical Review C, 2001, 65, .	2.9	105
24	Mass distributions of the system $^{136}\mathrm{Xe}+^{208}\mathrm{Pb}$ at laboratory energies around the Coulomb barrier: A candidate reaction for the production of neutron-rich nuclei at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	2.9	104
25	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	3.9	101
26	Large underground, liquid based detectors for astro-particle physics in Europe: scientific case and prospects. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 011-011.	5.4	99
27	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
28	New measurement of the refractive, elastic $^{16}\mathrm{O}+^{12}\mathrm{C}$ scattering at 132, 170, 200, 230, and 260 MeV incident energies. Physical Review C, 2000, 62, .	2.9	93
29	Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in $^{208}\mathrm{Pb}$ collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.1	93
30	Long-baseline neutrino oscillation physics potential of the DUNE experiment. European Physical Journal C, 2020, 80, 1.	3.9	93
31	$J/\psi$ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 212-224.	4.1	92
32	Measurement of quarkonium production at forward rapidity in $\sqrt{s}=7$ TeV pp collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89
33	Production of $K^*(892)^0$ and $\phi(1020)$ in $^{208}\mathrm{Pb}$ collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
34	Multiplicity dependence of light-flavor hadron production in $^{208}\mathrm{Pb}$ collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2019, 99, .	2.9	89
35	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	88
36	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2016, 93, .	2.9	87

#	ARTICLE	IF	CITATIONS
37	<p>and <math>\langle \mathcal{N} \rangle</math> meson production at high transverse momentum in <math>\sqrt{s_{NN}} = 2.76</math> TeV Pb-Pb collisions. Physical Review C, 2017, 95, 054001.</p>	2.9	86
38	<p>Systematic study of low-spin states in even Cd nuclei. Physical Review C, 1992, 45, 640-661.</p>	2.9	81
39	<p>Measurement of an Excess in the Yield of <math>\Lambda</math> Hyperons in Pb-Pb Collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Physical Review Letters, 2017, 118, 022301.</p>	7.8	80
40	<p>Measurement of <math>\Lambda</math> Hyperon Production at Very Low <math>p_T</math> in Pb-Pb Collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Physical Review Letters, 2017, 118, 022301.</p>	7.8	77
41	<p>Measurement of <math>\Lambda</math> Hyperon Production at Very Low <math>p_T</math> in Pb-Pb Collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 82-95.</p>	7.8	78
42	<p>A NOVEL APPROACH TO MEASURE THE CROSS SECTION OF THE <math>^{18}\text{O}(\alpha, n)^{21}\text{Ne}</math> RESONANT REACTION IN THE 0-200 keV ENERGY RANGE. Astrophysical Journal, 2010, 708, 796-811.</p>	4.5	74
43	<p>Production of <math>^4\text{He}</math> and <math>^4\text{He}</math> in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Nuclear Physics A, 2018, 971, 1-20.</p>	1.5	74
44	<p>Collinear cluster tri-partition of <math>^{252}\text{Cf}</math> (sf) and in the <math>^{235}\text{U}</math> (nth, f) reaction. European Physical Journal A, 2010, 45, 29-37.</p>	2.5	72
45	<p>Neutral pion production at midrapidity in pp and Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. European Physical Journal C, 2014, 74, 1.</p>	3.9	72
46	<p>Production of deuterons, tritons, <math>^3\text{He}</math> and <math>^4\text{He}</math> in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Nuclear Physics A, 2018, 971, 1-20.</p>	2.9	71
47	<p>Intruder features in the island of inversion: The case of <math>^{33}\text{Mg}</math>. Physical Review C, 2001, 64, 044301.</p>	2.9	70
48	<p>Theia: an advanced optical neutrino detector. European Physical Journal C, 2020, 80, 1.</p>	3.9	70
49	<p>Measurement of charged jet suppression in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Journal of High Energy Physics, 2014, 2014, 1.</p>	4.7	68
50	<p>Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.</p>	4.1	67
51	<p>Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.</p>	4.1	67
52	<p>First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.</p>	7.8	66
53	<p>Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Pb-Pb Collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Physical Review Letters, 2019, 123, 142301.</p>	7.8	65
54	<p>Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Pb-Pb Collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Physical Review Letters, 2019, 123, 142301.</p>	7.8	64

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55	Study of the $b\bar{c}$ interaction with femtoscopy correlations in $p$ - $Pb$ collisions at the LHC. Physics Letters, $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2017, 77, 1.	4.1	64
56	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	2.9	64
57	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 35-48.	3.9	62
58	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	3.9	62
59	Structural Changes along and above the Yrast Line of Dy154. Physical Review Letters, 1988, 61, 46-49.	4.1	62
60	Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	7.8	61
61	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	3.9	61
62	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	4.7	58
63	Crossing the dripline to $^{111}\text{N}$ using elastic resonance scattering. Physical Review C, 2000, 62, .	3.9	58
64	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	2.9	56
65	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s} = 5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
66	Measurement of prompt $J/\psi$ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
67	Measurement of $D_0$ , $D^+$ , $D^{*+}$ and $D^+s$ production in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
68	Shell effects in damped collisions of $^{88}\text{Sr}$ with $^{176}\text{Yb}$ at the Coulomb barrier energy. Physical Review C, 2014, 89, .	2.9	53
69	Evidence against a 17 keV neutrino from $^{35}\text{S}$ beta decay. Physical Review Letters, 1993, 70, 394-397.	7.8	51
70	Hindered ( $I^\pi = 0$ ) Alpha Decay and Shape Staggering in $^{191}\text{Po}$ . Physical Review Letters, 1999, 82, 1819-1822.	7.8	51
71	Fusion-fission and quasifission of superheavy systems with $Z > 110$ in $^{48}\text{Ca}$ -induced reactions. Physical Review C, 2014, 90, .	2.9	51
72			



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73	First observation of excited states in $^{184}\text{Pb}$ : spectroscopy beyond the neutron mid-shell. <i>European Physical Journal A</i> , 1998, 3, 17-20.	2.5	50
74	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	50
75	Linear and non-linear flow mode in $\text{Pb} \times \text{Pb}$ collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 773, 68-80.	2.9	47
76	Energy dependence of forward-rapidity $\langle J \rangle / \sqrt{s}$ and $\langle \psi \rangle / \sqrt{s}$ production in pp collisions at the LHC. <i>European Physical Journal C</i> , 2017, 77, 392.	3.9	50
77	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and $13.6$ TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	49
78	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	49
79	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	48
80	Production of mesons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Physical Review Letters</i> , 2017, 119, 242301.	2.9	47
81	Fission and quasifission of composite systems with $Z \leq 108$ : Transition from heavy-ion reactions involving S and Ca to Ti and Ni ions. <i>Physical Review C</i> , 2016, 94, .	2.9	47
82	Investigation of the $\pm$ -cluster structure of $^{22}\text{Ne}$ and $^{22}\text{Mg}$ . <i>Physical Review C</i> , 2004, 69, .	2.9	46
83	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Physical Review Letters</i> , 2017, 119, 242301.	7.8	45
84	$T=5/2$ states in $^9\text{Li}$ : Isobaric analog states of $^9\text{He}$ . <i>Physical Review C</i> , 2003, 67, .	2.9	44
85	$J/\psi$ production and nuclear effects in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	44
86	Determination of the event collision time with the ALICE detector at the LHC. <i>European Physical Journal Plus</i> , 2017, 132, 1.	2.6	44
87	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Physical Review C</i> , 2016, 93, .	2.9	43
88	Measurement of $\langle D \rangle^0$ , $\langle D \rangle^+$ , $\langle D \rangle^{*+}$ and $\langle D \rangle^+_{\text{s}}$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	43
89	$\hat{b}+c$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	42
90	Fission time scale and viscosity for compound nucleus $^{220}\text{Th}$ formed in reaction $^{40}\text{Ar}+^{180}\text{Hf}$ at $E_{\text{lab}}=180, 190, 216, \text{ and } 249$ MeV. <i>Physical Review C</i> , 1998, 58, 1587-1593.	2.9	41

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91	Doubling of $\hat{1}\pm$ -cluster states in $^{22}\text{Ne}$ . <i>Physical Review C</i> , 2001, 64, .	2.9	41
92	Linear Energy Transfer of Heavy Ions in Silicon. <i>IEEE Transactions on Nuclear Science</i> , 2007, 54, 1158-1162.	2.0	40
93	Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	40
94	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 754, 373-385.	4.1	40
95	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV at the LHC. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	40
96	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	40
97	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. <i>European Physical Journal C</i> , 2016, 76, 184.	3.9	39
98	First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 776, 249-264.	4.1	39
99	Production of $\chi_{c0}$ and $\chi_{c1}$ in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	39
100	Calibration strategy of the JUNO experiment. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	39
101	Alpha decay of the new isotopes $^{207}\text{Fr}$ , $^{208}\text{Ac}$ . <i>Zeitschrift für Physik A</i> , 1994, 348, 151-152.	0.9	38
102	Rapidity and transverse-momentum dependence of the inclusive $J/\psi$ nuclear modification factor in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	38
103	Measurement of $\chi_{c0}$ and $\chi_{c1}$ production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	38
104	Multiplicity dependence of $\pi^0$ , K, and p production in pp collisions at $\sqrt{s}=13.6$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	38
105	Coherent $J/\psi$ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 754, 373-385.	4.1	37
106	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. <i>Physical Review Letters</i> , 2020, 124, 092301.	7.8	37
107	Forward-backward multiplicity correlations in pp collisions at $\sqrt{s}=0.9, 2.76$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	36

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109	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	2.9	36
110	Production of $\Sigma(1385)^{\pm}$ meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 389.	3.9	36
111	Discovery of an Exceptionally Strong $\Lambda(1520)^{\pm}$ Decay Transition of $\Lambda(1520)^{\pm}$ . Physical Review C, 2016, 94, .	7.8	36
112	Investigation of the $\Lambda(1520)^{\pm}$ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
113	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
114	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 308-322.	2.9	34
115	Effect of neutron halos on excited states of nuclei. Physical Review C, 2011, 84, .	2.9	34
116	$\pi^0$ and $\eta$ meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
117	Energy dependence of exclusive $\pi^0/\eta$ 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
118	Energy dependence of exclusive $\pi^0/\eta$ 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
119	First observation of excited states in $^{192}\text{Po}$ . Physical Review C, 1996, 54, R2799-R2801.	2.9	33
120	Probing the shape of $^{176}\text{Hf}$ along the yrast line. Physical Review C, 1998, 58, R3033-R3036.	2.9	33
121	Effects of weakly coupled channels on quasielastic barrier distributions. Physical Review C, 2009, 80, .	2.9	33
122	Differential studies of inclusive $J/\psi$ and $\psi(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
123	Measurement of $\psi(2S)$ production in heavy-ion collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-91.	4.1	33
124	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76, 7$ and $8$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	32
125	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7$ , and $8$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	32
126	$E0$ transitions in $^{202,204}\text{Pb}$ and intruder-state systematics of even-even lead isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 171, 151-154.	4.1	31



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127	Underlying Event measurements in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the ALICE experiment at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
128	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV measured by ALICE. European Physical Journal C, 2013, 73, 1.	3.9	31
129	Centrality dependence of charged jet production in pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	3.9	31
130	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	31
131	Neutral pion and $\eta$ meson production in pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
132	Level structure of $^{148}\text{Gd}$ up to $I=44$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 194, 468-472.	4.1	30
133	Alpha decay properties of $^{200}\text{Fr}$ . Zeitschrift für Physik A, 1996, 354, 1-2.	0.9	30
134	Angular correlations in ternary fission induced by polarized neutrons. Physics of Atomic Nuclei, 2002, 65, 630-636.	0.4	30
135	Energy loss measurement of protons in liquid water. Physics in Medicine and Biology, 2011, 56, 2367-2374.	3.0	30
136	Inclusive, prompt and non-prompt $J/\psi$ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
137	Coherent $\pi^0$ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
138	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pPb, and PbPb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
139	Pseudorapidity dependence of the anisotropic flow of charged particles in PbPb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	3.0	30
140	Molecular structures in $^{148}\text{Gd}$ . Physical Review C, 2011, 84, .	2.9	29
141	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
142	Measurements of inclusive jet spectra in pPb and central Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2020, 101, .	2.9	29
143	Discrete and continuum Gamma-ray studies of $^{147}\text{Gd}$ and $^{148}\text{Gd}$ . Nuclear Physics A, 1990, 515, 466-492.	1.5	28
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