

# Maciej Rybczynski

## List of Publications by Citations

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154  
papers

5,470  
citations

36  
h-index

71  
g-index

169  
ext. papers

6,118  
ext. citations

2.6  
avg, IF

4.81  
L-index

#	Paper	IF	Citations
154	The CMS experiment at the CERN LHC. <i>Journal of Instrumentation</i> , <b>2008</b> , 3, S08004-S08004	1	1276
153	Pion and kaon production in central Pb+Pb collisions at 20A and 30A GeV: Evidence for the onset of deconfinement. <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	256
152	Directed and elliptic flow of charged pions and protons in Pb+Pb collisions at 40A and 158AGeV. <i>Physical Review C</i> , <b>2003</b> , 68,	2.7	254
151	Evidence for an exotic S= -2, Q= -2 baryon resonance in proton-proton collisions at the CERN SPS. <i>Physical Review Letters</i> , <b>2004</b> , 92, 042003	7.4	239
150	GLISSANDO: GLauber Initial-State Simulation AND mOre. <i>Computer Physics Communications</i> , <b>2009</b> , 180, 69-83	4.2	138
149	Measurements of cross sections and charged pion spectra in proton-carbon interactions at 31 GeV/c. <i>Physical Review C</i> , <b>2011</b> , 84,	2.7	127
148	NA61/SHINE facility at the CERN SPS: beams and detector system. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P06005-P06005	1	126
147	Energy and centrality dependence of $p_{\perp}$ and $p$ production and the $\eta/p_{\perp}$ ratio in Pb+Pb collisions between 20A GeV and 158A GeV. <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	113
146	Energy and centrality dependence of deuteron and proton production in Pb+Pb collisions at relativistic energies. <i>Physical Review C</i> , <b>2004</b> , 69,	2.7	105
145	Fluctuating initial conditions in heavy ion collisions from the Glauber approach. <i>Physical Review C</i> , <b>2007</b> , 76,	2.7	94
144	Energy dependence of $\eta$ and $\eta'$ production in central Pb+Pb collisions at 20A,30A,40A,80A, and 158A GeV measured at the CERN Super Proton Synchrotron. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	93
143	Lambda and lambda production in central Pb-Pb collisions at 40, 80, and 158A GeV. <i>Physical Review Letters</i> , <b>2004</b> , 93, 022302	7.4	87
142	Inclusive production of charged pions in p+p collisions at 158 GeV/c beam momentum. <i>European Physical Journal C</i> , <b>2006</b> , 45, 343-381	4.2	85
141	An evaluation of the exposure in nadir observation of the JEM-EUSO mission. <i>Astroparticle Physics</i> , <b>2013</b> , 44, 76-90	2.4	84
140	Transverse momentum fluctuations in nuclear collisions at 158AGeV. <i>Physical Review C</i> , <b>2004</b> , 70,	2.7	82
139	GLISSANDO 2: GLauber Initial-State Simulation AND mOre. <i>Computer Physics Communications</i> , <b>2014</b> , 185, 1759-1772	4.2	74
138	Measurement of negatively charged pion spectra in inelastic p+p interactions at $(p_{\perp}) = 20, 31, 40, 80$ and 158 GeV/c. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	73

137	Measurement of production properties of positively charged kaons in proton-carbon interactions at 31 GeV/c. <i>Physical Review C</i> , <b>2012</b> , 85,	2.7	72
136	Omega- and Omega+ production in central Pb + Pb collisions at 40 and 158A GeV. <i>Physical Review Letters</i> , <b>2005</b> , 94, 192301	7.4	69
135	Inclusive production of protons, anti-protons and neutrons in p+p collisions at 158 GeV/c beam momentum. <i>European Physical Journal C</i> , <b>2010</b> , 65, 9	4.2	67
134	Energy dependence of $\eta$ meson production in central Pb+Pb collisions at $\sqrt{s_{NN}}=6$ to 17 GeV. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	62
133	Measurements of $(\pi^{\pm})$ , $(K^{\pm})$ , $(K^0_S)$ , $(\Lambda)$ and proton production in proton-carbon interactions at 31 GeV/c with the NA61/SHINE spectrometer at the CERN SPS. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	61
132	Energy dependence of particle ratio fluctuations in central Pb+Pb collisions from $\sqrt{s_{NN}}=6.3$ to 17.3 GeV. <i>Physical Review C</i> , <b>2009</b> , 79,	2.7	59
131	Measurements of $(\pi^{\pm})$ , $(K^{\pm})$ , p and $(\bar{p})$ spectra in proton-proton interactions at 20, 31, 40, 80 and 158 (GeV/c) with the NA61/SHINE spectrometer at the CERN SPS. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	57
130	Tsallis statistics approach to the transverse momentum distributions in p $\bar{p}$ collisions. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	56
129	Centrality dependence of proton and antiproton spectra in Pb+Pb collisions at 40A GeV and 158A GeV measured at the CERN Super Proton Synchrotron. <i>Physical Review C</i> , <b>2011</b> , 83,	2.7	54
128	System-size dependence of strangeness production in nucleus-nucleus collisions at $\sqrt{s_{NN}}=17.3$ GeV. <i>Physical Review Letters</i> , <b>2005</b> , 94, 052301	7.4	52
127	Production of deuterium, tritium, and He3 in central Pb + Pb collisions at 20A,30A,40A,80A, and 158A GeV at the CERN Super Proton Synchrotron. <i>Physical Review C</i> , <b>2016</b> , 94,	2.7	49
126	Energy dependence of transverse momentum fluctuations in Pb+Pb collisions at the CERN Super Proton Synchrotron (SPS) at 20A to 158A GeV. <i>Physical Review C</i> , <b>2009</b> , 79,	2.7	48
125	Bose-Einstein correlations of $\pi$ pairs in central Pb+Pb collisions at 20A,30A,40A,80A, and 158A GeV. <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	48
124	Wounded quarks in A+A, p+A, and p+p collisions. <i>Physical Review C</i> , <b>2016</b> , 94,	2.7	44
123	Energy dependence of multiplicity fluctuations in heavy ion collisions at 20A to 158A GeV. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	44
122	Centrality and system size dependence of multiplicity fluctuations in nuclear collisions at 158A GeV. <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	44
121	Electric charge fluctuations in central Pb+Pb collisions at 20A,30A,40A,80A, and 158A GeV. <i>Physical Review C</i> , <b>2004</b> , 70,	2.7	44
120	Explanation of hadron transverse-momentum spectra in heavy-ion collisions at $\sqrt{s_{NN}}=2.76$ TeV within a chemical nonequilibrium statistical hadronization model. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	43

119	Transverse momentum fluctuations due to temperature variation in high-energy nuclear collisions. <i>Physical Review C</i> , <b>2001</b> , 64,	2.7	43
118	System-size dependence of $\bar{p}$ and $\bar{\Lambda}$ production in nucleus-nucleus collisions at 40A and 158A GeV measured at the CERN Super Proton Synchrotron. <i>Physical Review C</i> , <b>2009</b> , 80,	2.7	35
117	The JEM-EUSO instrument. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 19-44	1.3	33
116	Wounded-nucleon model with realistic nucleon-nucleon collision profile and observables in relativistic heavy-ion collisions. <i>Physical Review C</i> , <b>2011</b> , 84,	2.7	30
115	High transverse momentum hadron spectra at $\sqrt{s_{NN}}=17.3$ GeV in Pb+Pb and p+p collisions. <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	30
114	Non-monotonic behavior of multiplicity fluctuations. <i>Journal of Physics: Conference Series</i> , <b>2005</b> , 5, 238-245,		30
113	The JEM-EUSO mission: An introduction. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 3-17	1.3	29
112	Transverse-momentum spectra of strange particles produced in Pb + Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV in the chemical nonequilibrium model. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	28
111	Search for the QCD critical point in nuclear collisions at 158A GeV at the CERN Super Proton Synchrotron (SPS). <i>Physical Review C</i> , <b>2010</b> , 81,	2.7	28
110	Two-body nucleon-nucleon correlations in Glauber models of relativistic heavy-ion collisions. <i>Physical Review C</i> , <b>2010</b> , 81,	2.7	28
109	Rapidity spectra analysis in terms of non-extensive statistic approach. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2003</b> , 122, 325-328		28
108	Multiplicity and transverse momentum fluctuations in inelastic proton-proton interactions at the CERN Super Proton Synchrotron. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	27
107	Influence of initial fluctuations on geometry measures in relativistic U+U and Cu+Au collisions. <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	26
106	Critical fluctuations of the proton density in A+A collisions at 158A GeV. <i>European Physical Journal C</i> , <b>2015</b> , 75, 1	4.2	25
105	System size and centrality dependence of the balance function in A+A collisions at $\sqrt{s_{NN}}=17.2$ GeV. <i>Physical Review C</i> , <b>2005</b> , 71,	2.7	25
104	Pion emission from the T2K replica target: Method, results and application. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 701, 99-114	1.2	24
103	On the possibility of q-scaling in high-energy production processes. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2012</b> , 39, 095004	2.9	24
102	Transverse momentum versus multiplicity fluctuations in high-energy nuclear collisions. <i>Physical Review C</i> , <b>2004</b> , 70,	2.7	23

101	Multiplicity fluctuations in nuclear collisions at 158A GeV. <i>Journal of Physics: Conference Series</i> , <b>2005</b> , 5, 74-85	0.3	23
100	$K^*(892)0$ and $K_1^*(892)0$ production in central Pb + Pb, Si + Si, C + C, and inelastic p + p collisions at 158A GeV. <i>Physical Review C</i> , <b>2011</b> , 84,	2.7	22
99	Energy dependence of kaon-to-proton ratio fluctuations in central Pb+Pb collisions from $s_{NN}=6.3$ to 17.3 GeV. <i>Physical Review C</i> , <b>2011</b> , 83,	2.7	22
98	The EUSO-Balloon pathfinder. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 281-299	1.3	21
97	Measurements of production properties of $K_S0$ mesons and $\Lambda$ hyperons in proton-carbon interactions at 31 GeV/c. <i>Physical Review C</i> , <b>2014</b> , 89,	2.7	20
96	JEM-EUSO: Meteor and nuclearite observations. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 253-279	1.3	19
95	Clusters and collective flow in ultrarelativistic carbon-heavy-nucleus collisions. <i>Physical Review C</i> , <b>2014</b> , 90,	2.7	19
94	Antideuteron and deuteron production in midcentral Pb+Pb collisions at 158A GeV. <i>Physical Review C</i> , <b>2012</b> , 85,	2.7	19
93	System size dependence of the log-periodic oscillations of transverse momentum spectra ?. <i>EPJ Web of Conferences</i> , <b>2015</b> , 90, 01002	0.3	18
92	Self-organized criticality in atmospheric cascades. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2001</b> , 97, 81-84		18
91	Production of $(\Lambda)$ -hyperons in inelastic p+p interactions at 158 ( $\text{GeV}/c$ ). <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	16
90	Single-freeze-out model for ultrarelativistic heavy-ion collisions at $s_{NN}=2.76$ TeV. <i>Physical Review C</i> , <b>2012</b> , 85,	2.7	16
89	System-size and centrality dependence of charged kaon and pion production in nucleus-nucleus collisions at 40A GeV and 158A GeV beam energy. <i>Physical Review C</i> , <b>2012</b> , 86,	2.7	16
88	Signatures of clustering in ultrarelativistic collisions with light nuclei. <i>Physical Review C</i> , <b>2018</b> , 97,	2.7	15
87	Rapidity and energy dependence of the electric charge correlations in A+A collisions from 20A to 158A GeV. <i>Physical Review C</i> , <b>2007</b> , 76,	2.7	15
86	GLISSANDO 3: GLauber Initial-State Simulation AND mOre, ver.1.3. <i>Computer Physics Communications</i> , <b>2019</b> , 245, 106850	4.2	15
85	Measurements of $(\pi^+ p)$ differential yields from the surface of the T2K replica target for incoming 31 GeV/c protons with the NA61/SHINE spectrometer at the CERN SPS. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	14
84	Muon Bundles as a Sign of Strangelets from the Universe. <i>Astrophysical Journal</i> , <b>2017</b> , 839, 31	4.7	13

83	Ground-based tests of JEM-EUSO components at the Telescope Array site, EUSO-TA <i>Experimental Astronomy</i> , <b>2015</b> , 40, 301-314	1.3	13
82	Phase-space dependence of particle-ratio fluctuations in Pb + Pb collisions from 20A to 158A GeV beam energy. <i>Physical Review C</i> , <b>2014</b> , 89,	2.7	13
81	JEM-EUSO observational technique and exposure. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 117-134	1.3	12
80	Measurement of meson resonance production in $(\pi^- +)$ C interactions at SPS energies. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	12
79	The nucleon-nucleon collision profile and cross section fluctuations. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2014</b> , 41, 015106	2.9	12
78	EUSO-TA First results from a ground-based EUSO telescope. <i>Astroparticle Physics</i> , <b>2018</b> , 102, 98-111	2.4	12
77	Space experiment TUS on board the Lomonosov satellite as pathfinder of JEM-EUSO. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 315-326	1.3	11
76	Energy dependence of fluctuations in central Pb+Pb collisions from NA49 at the CERN SPS. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2008</b> , 35, 104091	2.9	11
75	Measurements of $(\pi^+ p_m)$ , $(K^+ p_m)$ and proton double differential yields from the surface of the T2K replica target for incoming 31 GeV/c protons with the NA61/SHINE spectrometer at the CERN SPS. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	10
74	Measurement of event-by-event transverse momentum and multiplicity fluctuations using strongly intensive measures $[PT, N]$ and $[PT, N]$ in nucleus-nucleus collisions at the CERN Super Proton Synchrotron. <i>Physical Review C</i> , <b>2015</b> , 92,	2.7	10
73	Strangelets in cosmic rays. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2006</b> , 151, 341-344		10
72	Intriguing properties of multiplicity distributions. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	9
71	Ultra-violet imaging of the night-time earth by EUSO-Balloon towards space-based ultra-high energy cosmic ray observations. <i>Astroparticle Physics</i> , <b>2019</b> , 111, 54-71	2.4	9
70	First observations of speed of light tracks by a fluorescence detector looking down on the atmosphere. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P05023-P05023	1	9
69	Elliptic flow of hyperons in Pb+Pb collisions at 158A GeV. <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	8
68	The JEM-EUSO observation in cloudy conditions. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 135-152	1.3	7
67	The atmospheric monitoring system of the JEM-EUSO instrument. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 45-60	1.3	7
66	Performances of JEM-EUSO: angular reconstruction. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 153-177	1.3	7

65	Energy and transverse momentum fluctuations in the equilibrium quantum systems. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 730, 70-75	4.2	7
64	System-size dependence of particle-ratio fluctuations in Pb + Pb collisions at 158A GeV. <i>Physical Review C</i> , <b>2013</b> , 87,	2.7	7
63	Muons from strangelets. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2001</b> , 97, 85-88		7
62	Proton-proton interactions and onset of deconfinement. <i>Physical Review C</i> , <b>2020</b> , 102,	2.7	7
61	Two-particle correlations in azimuthal angle and pseudorapidity in inelastic p + p interactions at the CERN Super Proton Synchrotron. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	6
60	Performances of JEM-EUSO: energy and X max reconstruction. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 183-214.	1.3	6
59	Proton-proton correlations in central Pb+Pb collisions at $\sqrt{s_{NN}}=17.3$ GeV. <i>Physical Review C</i> , <b>2011</b> , 83,	2.7	6
58	ARE THERE STRANGELETS IN COSMIC RAYS?. <i>International Journal of Modern Physics A</i> , <b>2005</b> , 20, 6724-6726		6
57	Scaling Behavior of Transverse Momenta Distributions in Hadronic and Nuclear Collisions. <i>Acta Physica Polonica B, Proceedings Supplement</i> , <b>2013</b> , 6, 507	1.8	6
56	Glauber Monte Carlo predictions for ultrarelativistic collisions with O16. <i>Physical Review C</i> , <b>2019</b> , 100,	2.7	6
55	Influence of target material impurities on physical results in relativistic heavy-ion collisions. <i>European Physical Journal Plus</i> , <b>2019</b> , 134, 1	3.1	5
54	Science of atmospheric phenomena with JEM-EUSO. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 239-251	1.3	5
53	Calibration aspects of the JEM-EUSO mission. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 91-116	1.3	5
52	Three-dimensional two-pion source image from . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 685, 41-46	4.2	5
51	Measurement of $(\phi)$ meson production in (p + p) interactions at 40, 80 and (158, $\sqrt{s_{NN}}$ [GeV]/c) with the NA61/SHINE spectrometer at the CERN SPS. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	5
50	Modified combinatorial analysis of the $e+e^-$ multiplicity distributions. <i>Modern Physics Letters A</i> , <b>2019</b> , 34, 1950324	1.3	5
49	Measurements of total production cross sections for $\pi^+C$ , $\pi^+Al$ , $K^+C$ , and $K^+Al$ at 60 GeV/c and $\pi^+C$ and $\pi^+Al$ at 31 GeV/c. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	5
48	Imprints of energy limitation in transverse momentum distributions of jets. <i>European Physical Journal A</i> , <b>2015</b> , 51, 1	2.5	4



47	The infrared camera onboard JEM-EUSO. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 61-89	1.3	4
46	Two-body nucleon-nucleon correlations in Glauber-like models. <i>Physics of Particles and Nuclei Letters</i> , <b>2011</b> , 8, 992-994	0.5	4
45	( $K^*(892)^0$ ) meson production in inelastic p+p interactions at 158 (text{ Ge }text{ V }!/c) beam momentum measured by NA61/SHINE at the CERN SPS. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	4
44	Intriguing feature of multiplicity distributions. <i>EPJ Web of Conferences</i> , <b>2019</b> , 206, 03002	0.3	3
43	MCORD - MPD Cosmic Ray Detector a new features. <i>EPJ Web of Conferences</i> , <b>2019</b> , 204, 07016	0.3	3
42	Evidence for the onset of deconfinement and quest for the critical point by NA49 at the CERN SPS. <i>Physics of Atomic Nuclei</i> , <b>2012</b> , 75, 556-566	0.4	3
41	Locally anisotropic momentum distributions of hadrons at freeze-out in relativistic heavy-ion collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2013</b> , 40, 025103	2.9	3
40	Multiplicity fluctuations in high energy hadronic and nuclear collisions. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2006</b> , 151, 363-366		3
39	NA49 Collaboration. <i>Nuclear Physics A</i> , <b>2006</b> , 774, 943-944	1.3	3
38	Measurements of ( $\Xi^-$ ) and ( $\overline{\Xi}^+$ ) production in proton-proton interactions at ( $\sqrt{s_{NN}} = 17.3$ (hbox {Ge}hbox {V}) in the NA61/SHINE experiment. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	3
37	Spectra and mean multiplicities of ( $\pi^-$ ) in central ( $\{^40\}$ Ar+ $\{^45\}$ Sc collisions at 13A, 19A, 30A, 40A, 75A and 150(A,text{ Ge }text{ V }!/c) beam momenta measured by the NA61/SHINE spectrometer at the CERN SPS. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
36	Measurements of production and inelastic cross sections for p+C, p+Be, and p+Al at 60 GeV/c and p+C and p+Be at 120 GeV/c. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	3
35	Ultra high energy photons and neutrinos with JEM-EUSO. <i>Experimental Astronomy</i> , <b>2015</b> , 40, 215-233	1.3	2
34	Fluctuations and clustering of multiplicity in collisions of relativistic ions. <i>European Physical Journal A</i> , <b>2020</b> , 56, 1	2.5	2
33	Multiplicity fluctuations in the Glauber Monte Carlo approach. <i>Physical Review C</i> , <b>2020</b> , 101,	2.7	2
32	Upper limit of D0 production in central Pb-Pb collisions at 158A GeV. <i>Physical Review C</i> , <b>2006</b> , 73,	2.7	2
31	A look at multiparticle production via modified combinants. <i>European Physical Journal A</i> , <b>2020</b> , 56, 1	2.5	2
30	A Look at Multiplicity Distributions via Modified Combinants. <i>Ukrainian Journal of Physics</i> , <b>2019</b> , 64, 738	0.4	2



29	Wounded Quarks at the LHC. <i>Acta Physica Polonica B, Proceedings Supplement</i> , <b>2017</b> , 10, 513	1.8	2
28	Ultra-relativistic Light-Heavy Nuclear Collisions and Collectivity. <i>Acta Physica Polonica B, Proceedings Supplement</i> , <b>2015</b> , 8, 301	1.8	2
27	Measurements of multiplicity fluctuations of identified hadrons in inelastic proton-proton interactions at the CERN Super Proton Synchrotron. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	2
26	Can strangelets solve the muon puzzle?. <i>EPJ Web of Conferences</i> , <b>2019</b> , 208, 04004	0.3	1
25	Puzzle of muons in extensive air showers. <i>International Journal of Modern Physics D</i> , <b>2019</b> , 28, 1950097	2.2	1
24	Measurements of $(\pi^-)$ production in $(^7\text{Be} + ^9\text{Be})$ collisions at beam momenta from 19A to 150A ( $\text{GeV}/c$ ) in the NA61/SHINE experiment at the CERN SPS. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	1
23	Search for the Critical Point of Strongly Interacting Matter at the CERN SPS. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>2011</b> , 219-220, 102-110		1
22	Conceptual design report of the MPD Cosmic Ray Detector (MCORD). <i>Journal of Instrumentation</i> , <b>2021</b> , 16, P11035	1	1
21	MCORD: MPD cosmic ray detector for NICA <b>2018</b> ,		1
20	Similarities in Multiparticle Production Processes in pp Collisions as Imprints of Nonextensive Statistics. <i>Symmetry</i> , <b>2020</b> , 12, 1339	2.7	1
19	Search for an exotic $S=0, Q=0$ baryon resonance in proton-proton interactions at $\sqrt{s_{NN}}=17.3$ GeV. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	1
18	Measurements of hadron production in $\text{Cu}+\text{Cu}$ and $\text{Cu}+\text{Be}$ interactions at 60 GeV/c. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	1
17	Energy conservation and the prevalence of power distributions. <i>European Physical Journal A</i> , <b>2018</b> , 54, 1	2.5	1
16	Muon bundles from the Universe. <i>EPJ Web of Conferences</i> , <b>2018</b> , 171, 20003	0.3	1
15	Measurements of $(\pi^{\pm}), (K^{\pm}), p$ and $(\bar{p})$ spectra in $(^7\text{Be}+^9\text{Be})$ collisions at beam momenta from 19A to 150A ( $\text{GeV}/c$ ) with the NA61/SHINE spectrometer at the CERN SPS. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	1
14	Inelasticity resulting from rapidity spectra analysis. <i>New Journal of Physics</i> , <b>2020</b> , 22, 113002	2.9	0
13	Measurements of $(\Xi^{\pm}(1530))$ and $(\bar{\Xi}^{\pm}(1530))$ production in proton-proton interactions at $(\sqrt{s_{NN}}) = 17.3$ ( $\text{GeV}$ ) in the NA61/SHINE experiment. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	0
12	Flow in collisions of light nuclei. <i>Nuclear Physics A</i> , <b>2021</b> , 1005, 121763	1.3	0

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