

# Evgeny Andronov

## List of Publications by Year in descending order

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44  
papers

494  
citations

933447

10  
h-index

713466

21  
g-index

45  
all docs

45  
docs citations

45  
times ranked

334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurements of $\pi^\pm$ , $K^\pm$ , $p$ and $\bar{p}$ . European Physical Journal C, 2017, 77, 1.	3.9	83
2	Measurements of $\pi^\pm$ , $K^\pm$ , $K^0_S$ , $\Lambda$ and proton production in proton-carbon interactions at 31 A GeV/c with the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2016, 76, 1.	3.9	78
3	Influence of the quark-gluon string fusion mechanism on long-range rapidity correlations and fluctuations. Theoretical and Mathematical Physics(Russian Federation), 2015, 185, 1383-1390.	0.9	32
4	Multiplicity and transverse momentum fluctuations in inelastic proton-proton interactions at the CERN Super Proton Synchrotron. European Physical Journal C, 2016, 76, 1.	3.9	32
5	Measurements of $\pi^\pm$ differential yields from the surface of the T2K replica target for incoming 31 A GeV/c protons with the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2016, 76, 1.	3.9	24
6	Measurements of $\pi^\pm$ , $K^\pm$ and proton double differential yields from the surface of the T2K replica target for incoming 31 A GeV/c protons with the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2019, 79, 1.	3.9	23
7	Strongly intensive observable between multiplicities in two acceptance windows in a string model. European Physical Journal A, 2019, 55, 1.	2.5	22
8	Production of $\Lambda$ -hyperons in inelastic p+p interactions at 158 GeV/c. European Physical Journal C, 2016, 76, 1.	3.9	20
9	Measurement of meson resonance production in $\pi^+ + C$ interactions at SPS energies. European Physical Journal C, 2017, 77, 1.	3.9	15
10	Two-particle correlations in azimuthal angle and pseudorapidity in inelastic p + p interactions at the CERN Super Proton Synchrotron. European Physical Journal C, 2017, 77, 1.	3.9	12
11	Search for the critical point by the NA61/SHINE experiment. Nuclear Physics A, 2019, 982, 835-838.	1.5	10
12	Measurements of production and inelastic cross sections for p+C, p+Be, and p+Al at 60 A GeV/c and p+C and p+Be at 120 A GeV/c. Physical Review D, 2019, 100, .	4.7	10
13	Proton-proton interactions and onset of deconfinement. Physical Review C, 2020, 102, .	2.9	10
14	$K^*(892)^0$ meson production in inelastic p+p interactions at 158 A GeV beam momentum measured by NA61/SHINE at the CERN SPS. European Physical Journal C, 2020, 80, 1.	3.9	10
15	<a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> $C$	4.7	9
16	Soil microbiome of different-aged stages of self-restoration of ecosystems on the mining heaps of limestone quarry (Elizavetino, Leningrad region). Open Agriculture, 2021, 6, 57-66.	1.7	9
17	Measurements of $\Xi^+$ and $\bar{\Xi}^+$ production in proton-proton interactions at $\sqrt{s_{NN}} = 17.3$ A GeV in the NA61/SHINE experiment. European Physical Journal C, 2020, 80, 1.	3.9	8
18	Measurement of $\phi$ meson production in p + p interactions at 40, 80 and 158 GeV/c with the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2020, 80, 1.	3.9	8

#	ARTICLE	IF	CITATIONS
19	Spectra and mean multiplicities of $\pi^{\pm}$ in central $^{40}\text{Ar}+^{45}\text{Sc}$ collisions at 13A, 19A, 30A, 40A, 75A and 150A $\sqrt{s_{NN}}$ beam momenta measured by the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2021, 81, 1.	3.9	8
20	Strongly Intensive Observables in the Model with String Fusion. Universe, 2019, 5, 15.	2.5	7
21	Measurements of $\pi^{\pm}$ , $K^{\pm}$ , p and $\Lambda$ spectra in $^{7}\text{Be}+^{9}\text{Be}$ collisions at beam momenta from 19A to 150A $\sqrt{s_{NN}}$ with the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2021, 81, 1.	3.9	7
22	Strongly Intensive Fluctuations Between the Multiplicity and the Total Transverse Momentum in pp Interactions in the Multipomeron Exchange Approach. Theoretical and Mathematical Physics(Russian) Tj ETQq0 00gBT /Overclock 10 Tf		
23	Soil microbiome in chronosequence of spoil heaps of Kursk Magnetic Anomaly. Biological Communications, 2019, 64, .	0.8	6
24	Transverse Momentum and Multiplicity Fluctuations in Ar+Sc Collisions at the CERN SPS from NA61/SHINE. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 449.	0.1	6
25	Measurements of baryon production in $\sqrt{s_{NN}} = 4.7$ and $5$ $\sqrt{s_{NN}}$ collisions. $\sqrt{s_{NN}} = 4.7$ and $5$ $\sqrt{s_{NN}}$ collisions. $\sqrt{s_{NN}} = 4.7$ and $5$ $\sqrt{s_{NN}}$ collisions.	4.7	5
26	Measurements of $\pi^{\pm}$ production in $^{7}\text{Be} + ^{9}\text{Be}$ collisions at beam momenta from 19A to 150A $\sqrt{s_{NN}}$ in the NA61/SHINE experiment at the CERN SPS. European Physical Journal C, 2020, 80, 1.	3.9	5
27	Microbiomes of the initial soils of mining areas of Yakutsk City (Eastern Siberia, Russia). Czech Polar Reports, 2020, 10, 69-82.	0.6	5
28	Recent results from NA61/SHINE. EPJ Web of Conferences, 2016, 126, 04003.	0.3	3
29	Energy dependence of fluctuations in p+p and Be+Be collisions from NA61/SHINE. Journal of Physics: Conference Series, 2016, 668, 012036.	0.4	3
30	News from the NA61/SHINE experiment. EPJ Web of Conferences, 2018, 191, 05002.	0.3	3
31	Measurements of multiplicity fluctuations of identified hadrons in inelastic proton-proton interactions at the CERN Super Proton Synchrotron. European Physical Journal C, 2021, 81, 1.	3.9	3
32	Measurement of the production cross section of $\pi^{\pm}$ protons on carbon via beam attenuation in a 90-cm-long target. Physical Review D, 2021, 103, .	4.7	3
33	Multiplicity Correlations with Strongly Intensive Quantities. Physics of Particles and Nuclei, 2020, 51, 337-339.	0.7	2
34	Measurements of $\chi^2$ and $\overline{\chi^2}$ production in proton-proton interactions at $\sqrt{s_{NN}} = 17.3$ $\sqrt{s_{NN}}$ in the NA61/SHINE experiment. European Physical Journal C, 2021, 81, 1.	3.9	2
35	The correlation between transverse momentum and multiplicity of charged particles in a two-component model. , 2014, , .		2
36	Modeling the influence of string collective phenomena on the long range rapidity correlations between the transverse momentum and the multiplicities. AIP Conference Proceedings, 2016, , .	0.4	1

#	ARTICLE	IF	CITATIONS
37	Search for an exotic $S=\hat{a}^2$ , $Q=\hat{a}^2$ baryon resonance in proton-proton interactions at $\sqrt{s_{NN}}=17.3\hat{a}\%{\hat{a}}\%{\text{GeV}}$ . Physical Review D, 2020, 101, .	4.7	1
38	Machine learning techniques for optimisation of track selection criteria. Journal of Physics: Conference Series, 2020, 1690, 012119.	0.4	1
39	Recent results from the NA61/SHINE strong interaction physics programme. EPJ Web of Conferences, 2017, 137, 07001.	0.3	0
40	Correlations between multiplicities and transverse momenta in nucleus-nucleus collisions from model with cluster of fused color strings. Journal of Physics: Conference Series, 2019, 1390, 012006.	0.4	0
41	Two-particle correlations in azimuthal angle and pseudorapidity in central $\sqrt{s_{NN}} \in [7, 9]$ GeV $\{Be\} + \{Be\}$ collisions at the CERN Super Proton Synchrotron. European Physical Journal C, 2020, 80, 1.	3.9	0
42	Strongly Intensive Fluctuations between Multiplicity and Total Transverse Momentum in Relativistic $p + p$ and $p + Pb$ Collisions in the Multipomeron Exchange Approach. Bulletin of the Russian Academy of Sciences: Physics, 2020, 84, 1258-1260.	0.6	0
43	Initial States in Nucleus-Nucleus Collisions at Energies of the NICA Collider. Physics of Particles and Nuclei, 2021, 52, 584-590.	0.7	0
44	Long range rapidity correlations between the transverse momentum and the multiplicities in light-nuclei collisions. , 2015, , .		0