

Sergei Gerassimov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145
papers

4,559
citations

36
h-index

62
g-index

149
ext. papers

5,196
ext. citations

3.7
avg, IF

3.05
L-index

#	Paper	IF	Citations
145	Probing transversity by measuring Δ polarisation in SIDIS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022 , 824, 136834	4.2	0
144	Probing the explanation of the muon (g-2) anomaly and thermal light dark matter with the semi-visible dark photon channel. <i>European Physical Journal C</i> , 2021 , 81, 959	4.2	0
143	Constraints on New Physics in Electron g-2 from a Search for Invisible Decays of a Scalar, Pseudoscalar, Vector, and Axial Vector. <i>Physical Review Letters</i> , 2021 , 126, 211802	7.4	5
142	Software for Tracks and Primary Vertex Reconstruction for the SPD Experiment. <i>Physics of Particles and Nuclei</i> , 2021 , 52, 793-796	0.7	
141	Spin density matrix elements in exclusive (ω) meson muoproduction. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	0
140	Triangle Singularity as the Origin of the $a_1(1420)$. <i>Physical Review Letters</i> , 2021 , 127, 082501	7.4	0
139	Contribution of exclusive diffractive processes to the measured azimuthal asymmetries in SIDIS. <i>Nuclear Physics B</i> , 2020 , 956, 115039	2.8	0
138	Measurement of the cross section for hard exclusive \bar{D} muoproduction on the proton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 805, 135454	4.2	5
137	Improved limits on a hypothetical X(16.7) boson and a dark photon decaying into $e+e$ pairs. <i>Physical Review D</i> , 2020 , 101,	4.9	37
136	Hunting down the X17 boson at the CERN SPS. <i>European Physical Journal C</i> , 2020 , 80, 1159	4.2	5
135	Antiproton over proton and K^- over K^+ multiplicity ratios at high z in DIS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 807, 135600	4.2	0
134	Search for Axionlike and Scalar Particles with the NA64 Experiment. <i>Physical Review Letters</i> , 2020 , 125, 081801	7.4	24
133	Dark Matter Search in Missing Energy Events with NA64. <i>Physical Review Letters</i> , 2019 , 123, 121801	7.4	72
132	Transverse extension of partons in the proton probed in the sea-quark range by measuring the DVCS cross section. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 793, 188-194	4.2	10
131	Measurement of PT-weighted Sivers asymmetries in leptonproduction of hadrons. <i>Nuclear Physics B</i> , 2019 , 940, 34-53	2.8	4
130	Transverse-momentum-dependent multiplicities of charged hadrons in muon-deuteron deep inelastic scattering. <i>Physical Review D</i> , 2018 , 97,	4.9	13
129	Search for muoproduction of X(3872) at COMPASS and indication of a new state X(B872). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 783, 334-340	4.2	11

128	Search for vector mediator of dark matter production in invisible decay mode. <i>Physical Review D</i> , 2018 , 97,	4.9	57
127	Search for a Hypothetical 16.7 MeV Gauge Boson and Dark Photons in the NA64 Experiment at CERN. <i>Physical Review Letters</i> , 2018 , 120, 231802	7.4	59
126	Azimuthal asymmetries of charged hadrons produced in high-energy muon scattering off longitudinally polarised deuterons. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	1
125	Over K+ multiplicity ratio for kaons produced in DIS with a large fraction of the virtual-photon energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 786, 390-398	4.2	4
124	Light isovector resonances in $\bar{p}-p$ at 190 GeV/c. <i>Physical Review D</i> , 2018 , 98,	4.9	22
123	Longitudinal double-spin asymmetry A_{1p} and spin-dependent structure function g_{1p} of the proton at small values of x and Q^2 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 781, 464-472	4.2	4
122	New analysis of Δ tensor resonances measured at the COMPASS experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 779, 464-472	4.2	7
121	Exclusive Δ meson muon production on transversely polarised protons. <i>Nuclear Physics B</i> , 2017 , 915, 454-475	5.8	5
120	Multiplicities of charged kaons from deep-inelastic muon scattering off an isoscalar target. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 133-141	4.2	21
119	Final COMPASS results on the deuteron spin-dependent structure function g_{1d} and the Bjorken sum rule. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 769, 34-41	4.2	17
118	First Measurement of Transverse-Spin-Dependent Azimuthal Asymmetries in the Drell-Yan Process. <i>Physical Review Letters</i> , 2017 , 119, 112002	7.4	42
117	Resonance production and S -wave in $\bar{p}-p$ +precoil at 190 GeV/c. <i>Physical Review D</i> , 2017 , 95,	4.9	18
116	Sivers asymmetry extracted in SIDIS at the hard scales of the Drell-Yan process at COMPASS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 770, 138-145	4.2	13
115	First measurement of the Sivers asymmetry for gluons using SIDIS data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 854-864	4.2	12
114	Leading-order determination of the gluon polarisation from semi-inclusive deep inelastic scattering data. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	6
113	Multiplicities of charged pions and charged hadrons from deep-inelastic scattering of muons off an isoscalar target. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 1-10	4.2	16
112	The spin structure function g_{1p} of the proton and a test of the Bjorken sum rule. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 18-28	4.2	59
111	Longitudinal double spin asymmetries in single hadron quasi-real photoproduction at high p_T . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 573-579	4.2	3

110	Interplay among transversity induced asymmetries in hadron lepton production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 406-411	4.2	7
109	Odd and even partial waves of Λ and Σ at 191 GeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 303-311	4.2	28
108	Collins and Sivers asymmetries in muon production of pions and kaons off transversely polarised protons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 744, 250-259	4.2	49
107	Measurement of the charged-pion polarizability. <i>Physical Review Letters</i> , 2015 , 114, 062002	7.4	29
106	Observation of a New Narrow Axial-Vector Meson $a_1(1420)$. <i>Physical Review Letters</i> , 2015 , 115, 082001	7.4	46
105	The COMPASS setup for physics with hadron beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015 , 779, 69-115	1.2	40
104	Search for exclusive photoproduction of $Z_c(3900)$ at COMPASS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 330-334	4.2	25
103	A high-statistics measurement of transverse spin effects in dihadron production from muon-proton semi-inclusive deep-inelastic scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 124-131	4.2	43
102	Spin alignment and violation of the OZI rule in exclusive Λ and Σ production in pp collisions. <i>Nuclear Physics B</i> , 2014 , 886, 1078-1101	2.8	4
101	Measurement of azimuthal hadron asymmetries in semi-inclusive deep inelastic scattering off unpolarised nucleons. <i>Nuclear Physics B</i> , 2014 , 886, 1046-1077	2.8	40
100	Measurement of radiative widths of $a_2(1320)$ and $(\pi_2)(1670)$. <i>European Physical Journal A</i> , 2014 , 50, 1	2.5	11
99	Transverse target spin asymmetries in exclusive Λ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 731, 19-26	4.2	13
98	Long term experience and performance of COMPASS RICH-1. <i>Journal of Instrumentation</i> , 2014 , 9, C09011-C09081	1.2	1
97	Measurement of the cross section for high-pT hadron production in the scattering of 160 GeV/c muons off nucleons. <i>Physical Review D</i> , 2013 , 88,	4.9	6
96	Hadron transverse momentum distributions in muon deep inelastic scattering at 160 GeV/c. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	48
95	Study of $\Lambda(1385)$ and $\Lambda(1321)$ hyperon and antihyperon production in deep inelastic muon scattering. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	6
94	Leading order determination of the gluon polarisation from DIS events with high-pT hadron pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 922-930	4.2	43
93	Leading and next-to-leading order gluon polarization in the nucleon and longitudinal double spin asymmetries from open charm muon production. <i>Physical Review D</i> , 2013 , 87,	4.9	40

92	Transverse spin effects in hadron-pair production from semi-inclusive deep inelastic scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 10-16	4.2	55
91	Exclusive π^0 muoproduction on transversely polarised protons and deuterons. <i>Nuclear Physics B</i> , 2012 , 865, 1-20	2.8	15
90	D* and D meson production in muon nucleon interactions at 160 GeV/c. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	5
89	I Experimental investigation of transverse spin asymmetries in ep SIDIS processes: Collins asymmetries. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 376-382	4.2	91
88	II Experimental investigation of transverse spin asymmetries in ep SIDIS processes: Siverson asymmetries. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 383-389	4.2	96
87	First measurement of chiral dynamics in pp collisions. <i>Physical Review Letters</i> , 2012 , 108, 192001	7.4	14
86	The experience of building and operating COMPASS RICH-1. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 639, 15-19	1.2	10
85	Particle identification with COMPASS RICH-1. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 631, 26-39	1.2	27
84	Observation of a $J^{PC}=1^{++}$ exotic resonance in diffractive dissociation of 190 GeV/c π^+ into $\pi^+\pi^0$. <i>Physical Review Letters</i> , 2010 , 104, 241803	7.4	85
83	Azimuthal asymmetries of charged hadrons produced by high-energy muons scattered off longitudinally polarised deuterons. <i>European Physical Journal C</i> , 2010 , 70, 39-49	4.2	25
82	Particle identification with the fast COMPASS RICH-1 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 623, 330-332	1.2	3
81	The spin-dependent structure function of the proton g_1^p and a test of the Bjorken sum rule. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 690, 466-472	4.2	110
80	Measurement of the Collins and Siverson asymmetries on transversely polarised protons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 692, 240-246	4.2	128
79	Quark helicity distributions from longitudinal spin asymmetries in muon-proton and muon-deuteron scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 227-235	4.2	104
78	Design and construction of the fast photon detection system for COMPASS RICH-1. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 616, 21-37	1.2	32
77	Collins and Siverson asymmetries for pions and kaons in muon-deuteron DIS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 673, 127-135	4.2	177
76	Gluon polarisation in the nucleon and longitudinal double spin asymmetries from open charm muoproduction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 676, 31-38	4.2	36
75	Flavour separation of helicity distributions from deep inelastic muon-deuteron scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 680, 217-224	4.2	58

74	Measurement of the longitudinal spin transfer to Λ and ($\bar{\Lambda}$) hyperons in polarised muon DIS. <i>European Physical Journal C</i> , 2009 , 64, 171	4.2	23
73	Read-out electronics for fast photon detection with COMPASS RICH-1. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 587, 371-387	1.2	35
72	The fast readout system for the MAPMTs of COMPASS RICH-1. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 595, 204-207	1.2	6
71	The COMPASS RICH-1 fast photon detection system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 595, 23-26	1.2	11
70	The polarised valence quark distribution from semi-inclusive DIS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 660, 458-465	4.2	67
69	Pattern recognition and PID for COMPASS RICH-1. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 595, 233-236 ^{1,2}	1.2	11
68	A new analogue sampling readout system for the COMPASS RICH-1 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 589, 362-369	1.2	7
67	The characterisation of the multinode photomultiplier tubes for the RICH-1 upgrade project at COMPASS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 595, 177-179	1.2	12
66	The COMPASS RICH-1 detector upgrade. <i>European Physical Journal: Special Topics</i> , 2008 , 162, 251-257	2.3	3
65	Fast photon detection for COMPASS RICH-1. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 572, 419-421	1.2	9
64	The COMPASS experiment at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 577, 455-518	1.2	339
63	Fast photon detection for particle identification with COMPASS RICH-1. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 580, 906-909	1.2	11
62	The deuteron spin-dependent structure function . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 647, 8-17	4.2	214
61	Spin asymmetry A_{1d} and the spin-dependent structure function g_{1d} of the deuteron at low values of x and Q^2 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 647, 330-340	4.2	40
60	Double spin asymmetry in exclusive \bar{D} muoproduction at COMPASS. <i>European Physical Journal C</i> , 2007 , 52, 255-265	4.2	17
59	Production of V_0 pairs in the hyperon experiment WA89. <i>European Physical Journal C</i> , 2007 , 52, 857-874	4.2	
58	The fast photon detection system of COMPASS RICH-1. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 581, 419-422 ^{1,2}	1.2	13
57	A new measurement of the Collins and Sivers asymmetries on a transversely polarised deuteron target. <i>Nuclear Physics B</i> , 2007 , 765, 31-70	2.8	182

56	Design and status of COMPASS FAST-RICH. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 567, 114-117	1.2	16
55	Gluon polarization in the nucleon from quasi-real photoproduction of high-pT hadron pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 633, 25-32	4.2	108
54	Measurement of the spin structure of the deuteron in the DIS region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 612, 154-164	4.2	98
53	Search for the ($\phi(1860)$) Pentaquark at COMPASS. <i>European Physical Journal C</i> , 2005 , 41, 469-474	4.2	21
52	Search for the pentaquark candidate $\Theta(1540)^+$ in the hyperon beam experiment WA89. <i>Physical Review C</i> , 2005 , 72,	2.7	11
51	First measurement of the transverse spin asymmetries of the deuteron in semi-inclusive deep inelastic scattering. <i>Physical Review Letters</i> , 2005 , 94, 202002	7.4	248
50	Search for the exotic $\Theta(1860)$ resonance in 340 GeV/c \bar{p} nucleus interactions. <i>Physical Review C</i> , 2004 , 70,	2.7	29
49	A measurement of (λ) polarization in inclusive production by (Σ^+) of 340 GeV/c in C and Cu targets. <i>European Physical Journal C</i> , 2004 , 32, 221-228	4.2	11
48	A measurement of (Ξ^-) polarization in inclusive production by (Σ^-) of 340 GeV/c in C and Cu targets. <i>European Physical Journal C</i> , 2004 , 36, 315-321	4.2	5
47	Dissociation of relativistic ^7Li in photoemulsion and structure of ^7Li nucleus. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004 , 30, 1479-1485	2.9	13
46	\bar{V} , ($\overline{\Xi}^{++}$) and (Ω^-) inclusive production cross sections measured in hyperon experiment WA89 at CERN. <i>European Physical Journal C</i> , 2003 , 26, 357-370	4.2	10
45	Present status of silicon detectors in Compass. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 512, 229-238	1.2	12
44	Spectra and correlations of Λ and Σ^0 produced in 340-GeV/c \bar{p} C and 260-GeV/c n +C interactions. <i>Physical Review C</i> , 2002 , 65,	2.7	2
43	A measurement of (K^*_{pm}) production in the hyperon beam experiment at CERN. <i>European Physical Journal C</i> , 2001 , 22, 47-54	4.2	1
42	A study of (Σ^+_{pm}), (Σ^*_{pm}) and ($\overline{\Sigma}^-_{1385}$) production in the hyperon beam experiment WA89 at CERN. <i>European Physical Journal C</i> , 2001 , 22, 255-267	4.2	5
41	Factorial Moments of ^{28}Si Induced Interactions with Ag(Br) Nuclei. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 2001 , 13, 213-221		14
40	Determination of the total ($\bar{c}c$) production cross section in 340 GeV/c (Σ^-)-nucleus interactions. <i>European Physical Journal C</i> , 2000 , 13, 247-254	4.2	2
39	Nucleus-nucleus collision as superposition of nucleon-nucleus collisions. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 71, 330-334		4

38	The Omega RICH in the CERN hyperon beam experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 433, 71-76	1.2	7
37	Fragmentation and multifragmentation of 10.6A GeV gold nuclei. <i>European Physical Journal A</i> , 1999 , 5, 429-440	2.5	32
36	Critical behaviour in Au fragmentation at 10.7A GeV. <i>European Physical Journal A</i> , 1998 , 1, 77-83	2.5	12
35	Bounce $\bar{\Lambda}$ ff in ^{197}Au induced collisions with Ag(Br) nuclei at 11.6 A GeV/c. <i>European Physical Journal A</i> , 1998 , 2, 61-67	2.5	28
34	Nuclear effect in higher-dimensional factorial moment analysis of the ^{16}O -, ^{32}S - and ^{197}Au -Em interaction data at 200, 60 and 11A GeV/c. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 76, 659-663		10
33	$\bar{\Lambda}$ production by \bar{p} , \bar{n} and neutrons in the hyperon beam experiment at CERN. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 76, 35-44		16
32	He production in 158 A GeV/c Pb on Pb interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 390, 445-449	4.2	6
31	Charged particle multiplicities, densities and fluctuations in Pb+Pb interactions at 158 A GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 92-96	4.2	9
30	The recent performance of the Omega RICH detector in experiment WA89 at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 371, 27-32	1.2	10
29	$^{28}\text{Si}(^{32}\text{S})$ fragmentation at 3.7 A, 14.6 A and 200 A GeV. <i>Zeitschrift für Physik A</i> , 1995 , 351, 311-316		18
28	Measurement of the polarization of (Λ^0 , $\bar{\Lambda}^0$, Σ^+) and \bar{p} produced in a \bar{p} beam of 330 GeV/c. <i>Zeitschrift für Physik A</i> , 1995 , 350, 379-386		21
27	Fragmentation of relativistic gold nuclei in nuclear emulsion. <i>Radiation Measurements</i> , 1995 , 25, 251-256		1.5
26	Charged particle density distributions in Au induced interactions with emulsion nuclei at 10.7 A GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 352, 472-478	4.2	28
25	Measurement of the lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 358, 151-161	4.2	22
24	Rescattering probed by the emission of slow target associated particles in high-energy heavy-ion interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 363, 230-236	4.2	7
23	Charged particle multiplicity and pseudorapidity density distributions in ^{16}O ?, ^{28}Si ? and ^{197}Au -induced nuclear interactions at 14.6 and 11.6A GeV/c. <i>Nuclear Physics A</i> , 1995 , 593, 535-549	1.3	14
22	Measurements of 525 GeV pion interactions in emulsion. <i>Physical Review D</i> , 1994 , 50, 4272-4282	4.9	9
21	The Omega RICH. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 343, 60-67	1.2	33

20	Particle identification with the RICH detector in experiment WA89 at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 343, 279-283	1.2	16
19	Rapidity density distributions and their fluctuations in violent Au-induced nuclear interactions at 11.6 A GeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 322, 166-170	4.2	6
18	Helium production in 10.7 A GeV Au induced nucleus-nucleus collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 338, 397-402	4.2	15
17	Systematic investigation of scaled factorial cumulant moments for nucleus-nucleus interactions. <i>Physical Review D</i> , 1993 , 47, 3726-3732	4.9	11
16	Rapidity density distributions in ¹⁶ O, ²⁸ Si, ³² S, ¹⁹⁷ Au, and ²⁰⁸ Pb induced heavy-ion interactions at 4A-200A GeV. <i>Physical Review Letters</i> , 1992 , 69, 745-748	7.4	27
15	On intermittency in heavy-ion collisions and the importance of Ξ conversion in a multi-dimensional intermittency analysis. <i>Nuclear Physics B</i> , 1992 , 388, 3-30	2.8	31
14	The RICH counter in the CERN hyperon beam experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 323, 373-379	1.2	23
13	The electromagnetic calorimeter in the hyperon beam experiment at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 313, 345-356	1.2	13
12	On the multiplicity fluctuations in relativistic heavy ion collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 242, 512-516	4.2	18
11	Target nucleus fragmentation in ¹⁶ O+(Ag,Br) interactions at 200 A GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 234, 180-184	4.2	16
10	Scaled-factorial-moment analysis of 200A-GeV sulfur+gold interactions. <i>Physical Review Letters</i> , 1990 , 65, 412-415	7.4	86
9	Limiting fragmentation in oxygen-induced emulsion interactions at 14.6, 60, and 200 GeV/nucleon. <i>Physical Review Letters</i> , 1989 , 62, 2801-2804	7.4	60
8	Scaling properties of charged particle multiplicity distributions in oxygen induced emulsion interactions at 14.6, 60 and 200 A GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 223, 262-266	4.2	52
7	A study of recoil protons in ultra-relativistic nucleus-nucleus collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 230, 175-180	4.2	14
6	Rapidity densities and their fluctuations in central 200 A GeV ³² S interactions with Au and Ag, Br nuclei EMU01 collaboration. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 227, 285-290	4.2	40
5	Multiplicities and rapidity densities in interactions with emulsion nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988 , 201, 397-402	4.2	76
4	Cross sections and some features of charm photoproduction at \sqrt{s} energies of 20-70 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 187, 437-441	4.2	29
3	Photoproduction of charmed particles in nuclear emulsion coupled to the Omega Prime spectrometer. Description of the experimental method 1985 , 85, 241-261		3

2	Charged charmed particle lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 140, 119-122	4.2	13
1	Measurement of the lifetime of neutral charmed mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 140, 123-126	4.2	4