Sergei Gerassimov

List of Publications by Year
in descending order

148 papers	5,766 citations	76326 40 h-index	85541 71 g-index
149 all docs	149 docs citations	149 times ranked	2274 citing authors

#	Article	IF	Citations
1	The COMPASS experiment at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 577, 455-518.	1.6	388
2	First Measurement of the Transverse Spin Asymmetries of the Deuteron in Semi-inclusive Deep Inelastic Scattering. Physical Review Letters, 2005, 94, 202002.	7.8	275
3	The deuteron spin-dependent structure function <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://ww. Physics Letters,	4.1	258
4	Collins and Sivers asymmetries for pions and kaons in muonâ€“deuteron DIS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 673, 127-135.	4.1	207
5	A new measurement of the Collins and Sivers asymmetries on a transversely polarised deuteron target. Nuclear Physics B, 2007, 765, 31-70.	2.5	203
6	Dark Matter Search in Missing Energy Events with NA64. Physical Review Letters, 2019, 123, 121801.	7.8	151
7	Measurement of the Collins and Sivers asymmetries on transversely polarised protons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 240-246.	4.1	142
8	The spin-dependent structure function of the proton <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mi>g</mml:mi><mml:mn>1</mml:mn><mml:mi>p</mml:mi></mml:msubsup></mml:math> and a test of the Bjorken sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd"	4.1	141
9	xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	4.1	118
10	Quark helicity distributions from longitudinal spin asymmetries in muonâ€“proton and muonâ€“deuteron scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 227-235.	4.1	118
11	Observation of a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>J</mml:mi><mml:mi>PC</mml:mi></mml:msup><mml:mo>=</mml:mo><mml:msup><mml:mn Resonance in Diffractive Dissociation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>190</mml:mn><mml:mtext>â€‰â€Šâ€Š</mml:mtext><mml:mi>GeV</mml:mi><mml:mo>/</mml:mo><mml:mn Physical Review Letters, 2010, 104, 241803.	7.8	112
12	Measurement of the spin structure of the deuteron in the DIS region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 612, 154-164.	4.1	111
13	II â€“ Experimental investigation of transverse spin asymmetries in Î¼-p SIDIS processes: Sivers asymmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 383-389.	4.1	111
14	I â€“ Experimental investigation of transverse spin asymmetries in Î¼-p SIDIS processes: Collins asymmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 376-382.	4.1	101
15	Scaled-factorial-moment analysis of 200A-GeV sulfur+gold interactions. Physical Review Letters, 1990, 65, 412-415.	7.8	92
16	The spin structure function<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mrow><mml:mi>g</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow> mathvariant="normal">p</mml:mi></mml:mrow></mml:msubsup></mml:math>of the proton and a test of the Bjorken sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 18-28.	4.1	89
17	Search for vector mediator of dark matter production in invisible decay mode. Physical Review D, 2018, 97, .	4.7	89
18	Search for a Hypothetical 16.7ÂMeV Gauge Boson and Dark Photons in the NA64 Experiment at CERN. Physical Review Letters, 2018, 120, 231802.	7.8	87

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19	First Measurement of Transverse-Spin-Dependent Azimuthal Asymmetries in the Drell-Yan Process. Physical Review Letters, 2017, 119, 112002.	7.8	86
20	Multiplicities and rapidity densities in interactions with emulsion nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 201, 397-402.	4.1	81
21	Collins and Sivers asymmetries in muonproduction of pions and kaons off transversely polarised protons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 250-259.	4.1	81
22	The polarised valence quark distribution from semi-inclusive DIS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 458-465.	4.1	72
23	Transverse spin effects in hadron-pair production from semi-inclusive deep inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 10-16.	4.1	70
24	Limiting fragmentation in oxygen-induced emulsion interactions at 14.6, 60, and 200 GeV/nucleon. Physical Review Letters, 1989, 62, 2801-2804.	7.8	68
25	Flavour separation of helicity distributions from deep inelastic muonâ€“deuteron scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 217-224.	4.1	66
26	A high-statistics measurement of transverse spin effects in dihadron production from muonâ€“proton semi-inclusive deep-inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 124-131.	4.1	64
27	display="inline"><mml:mi>X</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>16.7</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (stretchy="false">)</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:mi><mml:mo></mml:mo></mml:msup></mml:mrow></mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.7	64
28	Observation of a New Narrow Axial-Vector Meson<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>a</mml:mi><mml:mn>1</mml:mn></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>1420</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 367 Td (stretchy="false">)</mml:mo></mml:mrow></mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	7.8	60
29	The COMPASS setup for physics with hadron beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 779, 69-115.	1.6	59
30	Scaling properties of charged particle multiplicity distributions in oxygen induced emulsion interactions at 14.6, 60 and 200 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 223, 262-266.	4.1	58
31	Hadron transverse momentum distributions in muon deep inelastic scattering at 160 GeV/c. European Physical Journal C, 2013, 73, 1.	3.9	57
32	Search for Axionlike and Scalar Particles with the NA64 Experiment. Physical Review Letters, 2020, 125, 081801.	7.8	56
33	Leading and next-to-leading order gluon polarization in the nucleon and longitudinal double spin asymmetries from open charm muoproduction. Physical Review D, 2013, 87, .	4.7	55
34	Measurement of azimuthal hadron asymmetries in semi-inclusive deep inelastic scattering off unpolarised nucleons. Nuclear Physics B, 2014, 886, 1046-1077.	2.5	55
35	Spin asymmetry <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd"	4.1	48
36	Leading order determination of the gluon polarisation from DIS events with high-pThadron pairs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 922-930.	4.1	45

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37	Rapidity densities and their fluctuations in central 200 A GeV 32S interactions with Au and Ag, Br nuclei EMU01 collaboration. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 227, 285-290.	4.1	43
38	Odd and even partial waves of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>Î·</mml:mi><mml:msup><mml:mrow><mml:mi>Ï€</mml:mi></mml:mrow><mml:mrow><mml:mo>â^’</mml:mo> xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>Î·</mml:mi></mml:mrow><mml:mrow><mml:mo>â€²</mml:mo></mml:mrow>	4.1	43
39	Light isovector resonances in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>â^’</mml:mo></mml:msup><mml:mi>p</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>â^’</mml:mo></mml:msup><mml:msup><mml:mi>Ï€</mml:mi> at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>. Physical Review D, 2010, 82,	4.1	43
40	Design and construction of the fast photon detection system for COMPASS RICH-1. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 616, 21-37.	1.6	40
41	Read-out electronics for fast photon detection with COMPASS RICH-1. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 587, 371-387.	1.6	37
42	Particle identification with COMPASS RICH-1. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 631, 26-39.	1.6	37
43	Gluon polarisation in the nucleon and longitudinal double spin asymmetries from open charm muoproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 676, 31-38.	4.1	36
44	Measurement of the Charged-Pion Polarizability. Physical Review Letters, 2015, 114, 062002.	7.8	36
45	The Omega RICH. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 343, 60-67.	1.6	35
46	On intermittency in heavy-ion collisions and the importance of Î³-conversion in a multi-dimensional intermittency analysis. Nuclear Physics B, 1992, 388, 3-30.	2.5	34
47	Final COMPASS results on the deuteron spin-dependent structure function<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mrow><mml:mi>g</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow><mml:mrow><mml:mn> mathvariant="normal">d</mml:mi></mml:mrow></mml:msubsup></mml:math>and the Bjorken sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 34-41.	4.1	34
48	Fragmentation and multifragmentation of 10.6A GeV gold nuclei. European Physical Journal A, 1999, 5, 429-440.	2.5	33
49	Search for the exoticÎžâ^’â^’(1860)resonance in340GeVâˆ•cÎ£â^’-nucleus interactions. Physical Review C, 2004, 70, .	2.9	32
50	Measurement of the longitudinal spin transfer to Î› and $ar{varLambda}$ hyperons in polarised muon DIS. European Physical Journal C, 2009, 64, 171.	3.9	32
51	Bounce â€“ off in 197Au induced collisions with Ag(Br) nuclei at 11.6 A GeV/c. European Physical Journal A, 1998, 2, 61-67.	2.5	31
52	Azimuthal asymmetries of charged hadrons producedÂbyÂhigh-energy muons scatteredÂoffÂlongitudinallyÂpolarisedÂdeuterons. European Physical Journal C, 2010, 70, 39-49.	3.9	31
53	Rapidity density distributions inO16,Si28,S32,Au197, andPb208induced heavy-ion interactions at 4Aâ€“200AGeV. Physical Review Letters, 1992, 69, 745-748.	7.8	30
54	Multiplicities of charged kaons from deep-inelastic muon scattering off an isoscalar target. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 133-141.	4.1	30

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55	Sivers asymmetry extracted in SIDIS at the hard scales of the Drellâ€“Yan process at COMPASS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 138-145.	4.1	30
56	Cross sections and some features of charm photoproduction at Î³ energies of 20â€“70 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 187, 437-441.	4.1	29
57	Charged particle density distributions in Au induced interactions with emulsion nuclei at 10.7 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 472-478.	4.1	29
58	Search for exclusive photoproduction of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mrow><mml:mi>Z</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow><mml:mrow><mml:mi>+</mml:mi></mml:mrow></mml:msubsup></mml:math> at COMPASS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 330-334.	4.1	29
59	Transverse-momentum-dependent multiplicities of charged hadrons in muon-deuteron deep inelastic scattering. Physical Review D, 2018, 97, .	4.7	29
60	Resonance production and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ï€</mml:mi><mml:mi>Ï€</mml:mi></mml:mrow></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi></mml:mrow></mml:math> -wave in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>Ï€</mml:mi></mml:mrow><mml:mrow><mml:mo>â^'</mml:mo></mml:mrow></mml:msup></mml:mrow>	4.7	28
61	Multiplicities of charged pions and charged hadrons from deep-inelastic scattering of muons off an isoscalar target. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 1-10.	4.1	28
62	Measurement of the lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 358, 151-161.	4.1	25
63	Transverse extension of partons in the proton probed in the sea-quark range by measuring the DVCS cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 188-194.	4.1	25
64	Improved exclusion limit for light dark matter from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:mi><mml:mo>â	4.7	25
65	The RICH counter in the CERN hyperon beam experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 323, 373-379.	1.6	24
66	Measurement of the polarization of $$Lambda ^0 , overline Lambda ^0 , Sigma ^ + $$ and ?? produced in a ?? beam of 330 GeV/c. Zeitschrift FÃ¼r Physik A, 1995, 350, 379-386.	0.9	23
67	Search for the $phi1860$ Pentaquark at COMPASS. European Physical Journal C, 2005, 41, 469-474.	3.9	22
68	Constraints on New Physics in Electron <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>g</mml:mi><mml:mo>â^'</mml:mo><mml:mn>2</mml:mn></mml:math> from a Search for Invisible Decays of a Scalar, Pseudoscalar, Vector, and Axial Vector. Physical Review Letters, 2021, 126, 211802.	7.8	22
69	On the multiplicity fluctuations in relativistic heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 242, 512-516.	4.1	19
70	28Si(32S) fragmentation at 3.7 A, 14.6 A and 200 A GeV. Zeitschrift FÃ¼r Physik A, 1995, 351, 311-316.	0.9	19
71	Double spin asymmetry in exclusive Ï0 muoproduction at COMPASS. European Physical Journal C, 2007, 52, 255-265.	3.9	19
72	First measurement of the Sivers asymmetry for gluons using SIDIS data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 854-864.	4.1	19

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73	First Measurement of Chiral Dynamics in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>â˜’</mml:mo></mml:msup><mml:mi>Î³</mml:mi><mml:mo>â†’</mml:mo> Physical Review Letters, 2012, 108, 192001.	7.8	18
74	Exclusive muoproduction on transversely polarised protons and deuterons. Nuclear Physics B, 2012, 865, 1-20.	2.5	18
75	Transverse target spin asymmetries in exclusive <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>Ï</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></mml:mrow></ muoproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014,	4.1	18
76	Target nucleus fragmentation in 16O+(Ag,Br) interactions at 200 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 180-184.	4.1	17
77	$Xi ^{-}$ production by $Sigma ^{-}$, pi^{-} and neutrons in the hyperon beam experiment at CERN. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1997, 76, 35-44.	1.5	17
78	Design and status of COMPASS FAST-RICH. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 567, 114-117.	1.6	17
79	Particle identification with the RICH detector in experiment WA89 at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 343, 279-283.	1.6	16
80	Search for muoproduction of X(3872) at COMPASS and indication of a new state <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mover accent="true"><mml:mrow><mml:mi>X</mml:mi></mml:mrow><mml:mrow><mml:mo>Ëœ</mml:mo></mml:mrow></mml:mover><m stretchy="false">(</mml:mo><mml:mn>3872</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 452 Td (stretchy="false">)</m	4.1	16
81	High-Energy Physics, 2018, 783, 334-340. Measurement of the cross section for hard exclusive Ï€0 muoproduction on the proton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135454.	4.1	16
82	Helium production in 10.7 A GeV Au induced nucleus-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 338, 397-402.	4.1	15
83	Charged particle multiplicity and pseudorapidity density distributions in 16Oî—¸ 28Sîî—¸ and 197Au-induced nuclear interactions at 14.6 and 11.6A GeV/c. Nuclear Physics A, 1995, 593, 535-549.	1.5	15
84	Factorial Moments of 28 Si Induced Interactions with Ag(Br) Nuclei. Acta Physica Hungarica A Heavy Ion Physics, 2001, 13, 213-221.	0.4	15
85	The COMPASS RICH-1 fast photon detection system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 595, 23-26.	1.6	15
86	Longitudinal double-spin asymmetry <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mrow><mml:mi>A</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow> mathvariant="normal">p</mml:mi></mml:mrow></mml:msubsup></mml:math> and spin-dependent structure function <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msubsup><mml:mrow><mml:mi>g</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:m.	4.1	15
87	Charged charmed particle lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 140, 119-122.	4.1	14
88	A study of recoil protons in ultra-relativistic nucleus-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 230, 175-180.	4.1	14
89	The electromagnetic calorimeter in the hyperon beam experiment at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 313, 345-356.	1.6	14
90	Present status of silicon detectors in Compass. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 512, 229-238.	1.6	14

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91	The fast photon detection system of COMPASS RICH-1. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 419-422.	1.6	14
92	The characterisation of the multianode photomultiplier tubes for the RICH-1 upgrade project at COMPASS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 595, 177-179.	1.6	14
93	Systematic investigation of scaled factorial cumulant moments for nucleus-nucleus interactions. Physical Review D, 1993, 47, 3726-3732.	4.7	13
94	Critical behaviour in Au fragmentation at 10.7A GeV. European Physical Journal A, 1998, 1, 77-83.	2.5	13
95	Dissociation of relativistic7Li in photoemulsion and structure of7Li nucleus. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, 1479-1485.	3.6	13
96	Pattern recognition and PID for COMPASS RICH-1. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 595, 233-236.	1.6	13
97	Measurement of P-weighted Sivers asymmetries in leptoproduction of hadrons. Nuclear Physics B, 2019, 940, 34-53.	2.5	13
98	The recent performance of the Omega RICH detector in experiment WA89 at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 371, 27-32.	1.6	12
99	A measurement of $lambda$ polarization in inclusive production by $Sigma^{-}$ of 340 GeV/c in C and Cu targets. European Physical Journal C, 2004, 32, 221-228.	3.9	12
100	Search for the pentaquark candidateÎ˜(1540)+in the hyperon beam experiment WA89. Physical Review C, 2005, 72, .	2.9	12
101	Fast photon detection for COMPASS RICH-1. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 419-421.	1.6	12
102	Fast photon detection for particle identification with COMPASS RICH-1. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 906-909.	1.6	12
103	Measurement of radiative widths of a2(1320) and $ pi_{2}$ (1670). European Physical Journal A, 2014, 50, 1.	2.5	12
104	Leading-order determination of the gluon polarisation from semi-inclusive deep inelastic scattering data. European Physical Journal C, 2017, 77, 1.	3.9	12
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