

# Jan M Friedrich

## List of Publications by Year in descending order

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116  
papers

6,263  
citations

66343  
42  
h-index

66911  
78  
g-index

116  
all docs

116  
docs citations

116  
times ranked

2135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of P-weighted Sivers asymmetries in leptonproduction of hadrons. Nuclear Physics B, 2019, 940, 34-53.	2.5	13
2	K <sup>-</sup> over K+ multiplicity ratio for kaons produced in DIS with a large fraction of the virtual-photon energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 390-398.	4.1	10
3	Final double-spin asymmetry $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ altimg="si1.gif" overflow="scroll" } \rangle \langle \text{mml:msubsup} \langle \text{mml:mrow} \langle \text{mml:mi} \text{ A} \rangle \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \text{ 1} \rangle \langle / \text{mml:mn} \rangle \langle / \text{mml:mrow} \rangle \text{ mathvariant="normal" } \rangle \text{ p} \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:msubsup} \rangle \langle / \text{mml:math} \rangle \text{ and spin-dependent structure function } \langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ altimg="si2.gif" overflow="scroll" } \rangle \langle \text{mml:msubsup} \langle \text{mml:mrow} \langle \text{mml:mi} \text{ e} \rangle \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \text{ 1} \rangle \langle / \text{mml:mn} \rangle \langle / \text{mml:mrow} \rangle \text{ New analysis of } \hat{\epsilon}\text{-}i\epsilon \text{ tensor resonances measured at the COMPASS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 464-472.}$	4.1	15
4	Exclusive $\pi^0$ meson muoproduction on transversely polarised protons. Nuclear Physics B, 2017, 915, 454-475.	2.5	8
5	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
6	Final COMPASS results on the deuteron spin-dependent structure function $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ altimg="si1.gif" overflow="scroll" } \rangle \langle \text{mml:msubsup} \langle \text{mml:mrow} \langle \text{mml:mi} \text{ g} \rangle \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \text{ 1} \rangle \langle / \text{mml:mn} \rangle \langle / \text{mml:mrow} \rangle \text{ mathvariant="normal" } \rangle \text{ d} \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:msubsup} \rangle \langle / \text{mml:math} \rangle \text{ and the Bjorken sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2017, 769, 34-41.}$	4.1	30
7	First Measurement of Transverse-Spin-Dependent Azimuthal Asymmetries in the Drell-Yan Process. Physical Review Letters, 2017, 119, 112002.	7.8	86
8	Resonance production and $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline" } \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{ i} \epsilon \rangle \langle / \text{mml:mi} \rangle \langle \text{mml:mi} \text{ j} \epsilon \rangle \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle \langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline" } \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{ S} \rangle \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle \text{ -wave in } \langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline" } \rangle \langle \text{mml:mrow} \langle \text{mml:msup} \langle \text{mml:mrow} \langle \text{mml:mi} \text{ T} \rangle \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \text{ a}^2 \rangle \langle / \text{mml:mo} \rangle \langle / \text{mml:mrow} \rangle \text{ Sivers asymmetry extracted in SIDIS at the hard scales of the Drell-Yan process at COMPASS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 138-145.}$	4.1	30
9	First measurement of proton's charge form factor at very low Q2 with initial state radiation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 194-198.	4.1	37
10	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
11	Beam-Recoil Polarization Measurement of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline" } \rangle \langle \text{mml:msup} \langle \text{mml:mi} \text{ i} \epsilon \rangle \langle / \text{mml:mi} \rangle \langle \text{mml:mn} \text{ 0} \rangle \langle / \text{mml:mn} \rangle \langle / \text{mml:msup} \rangle \langle / \text{mml:math} \rangle \text{ Electroproduction on the Proton in the Region of the Roper Resonance. Physical Review Letters, 2017, 119, 022001.}$	7.8	16
12	Leading-order determination of the gluon polarisation from semi-inclusive deep inelastic scattering data. European Physical Journal C, 2017, 77, 1.	3.9	12
13	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
14	Pion-photon reactions and chiral dynamics in Primakoff processes at COMPASS. AIP Conference Proceedings, 2016, , .	0.4	1
15	Longitudinal double spin asymmetries in single hadron quasi-real photoproduction at high p T. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 573-579.	4.1	5
16	Interplay among transversity induced asymmetries in hadron leptoproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 406-411.	4.1	11

#	ARTICLE	IF	CITATIONS
19	Measurement of the proton structure function $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \text{ altimg="si1.gif" overflow="scroll" } \langle \text{mml:msubsup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle g \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1 \langle / \text{mml:mn} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:math} \text{ variant="normal" } \rangle p \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:msubsup} \rangle \langle / \text{mml:mrow} \rangle \text{ of the proton and a test of the Bjorken sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 18-28.}$	4.1	89
20	Measurement of the beam-recoil polarization in low-energy virtual Compton scattering from the proton. Physical Review C, 2015, 92, .	2.9	8
21	Observation of a New Narrow Axial-Vector Meson $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \text{ display="inline" } \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle a \langle / \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1 \langle / \text{mml:mn} \rangle \langle / \text{mml:msub} \rangle \langle \text{mml:mo} \text{ stretchy="false" } \rangle ( \langle / \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1420 \langle / \text{mml:mn} \rangle \langle \text{mml:mo} \rangle ) T j \text{ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 647 Td (stretchy="false")}$	7.8	60
22	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
23	Search for exclusive photoproduction of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \text{ altimg="si1.gif" overflow="scroll" } \langle \text{mml:msubsup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle Z \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle c \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{ at COMPASS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, Odd and even partial waves of }$ $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \text{ altimg="si1.gif" overflow="scroll" } \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{l} \langle / \text{mml:mi} \rangle \langle / \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\epsilon} \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle c \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\epsilon} \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{c} \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\epsilon}^2 \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle$	4.1	43
24	Collins and Sivers asymmetries in muon production 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
26	Measurement of the Charged-Pion Polarizability. Physical Review Letters, 2015, 114, 062002.	7.8	36
27	Tests of Chiral perturbation theory with COMPASS. EPJ Web of Conferences, 2014, 73, 05011.	0.3	1
28	A high-statistics measurement of transverse spin effects in dihadron production from muon+proton semi-inclusive deep-inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 124-131.	4.1	64
29	Spin alignment and violation of the OZI rule in exclusive $\pi^+$ and $\pi^-$ production in pp collisions. Nuclear Physics B, 2014, 886, 1078-1101.	2.5	4
30	Measurement of azimuthal hadron asymmetries in semi-inclusive deep inelastic scattering off unpolarised nucleons. Nuclear Physics B, 2014, 886, 1046-1077.	2.5	55
31	Electric and magnetic form factors of the proton. Physical Review C, 2014, 90, .	2.9	224
32	Measurement of radiative widths of $a_2(1320)$ and $\pi_{-}(1670)$ . European Physical Journal A, 2014, 50, 1.	2.5	12
33	Transverse target spin asymmetries in exclusive $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \text{ altimg="si1.gif" overflow="scroll" } \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{k} \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle / \text{mml:mn} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle$ muoproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, Measurement of the cross section for high- $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \text{ altimg="si1.gif" overflow="scroll" } \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle p \langle / \text{mml:mi} \rangle \langle \text{mml:mi} \rangle T \langle / \text{mml:mi} \rangle \langle / \text{mml:msub} \rangle \langle / \text{mml:math} \rangle$ hadron production in the scattering of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \text{ altimg="si1.gif" overflow="scroll" } \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle 160 \langle / \text{mml:mi} \rangle \langle / \text{mml:msub} \rangle \langle / \text{mml:math} \rangle$	4.7	6
34	Hadron transverse momentum distributions in muon deep inelastic scattering at 160 GeV/c. European Physical Journal C, 2013, 73, 1.	3.9	57
36	Study of $\bar{\Lambda}(1385)$ and $\bar{\Xi}(1321)$ hyperon and antihyperon production in deep inelastic muon scattering. European Physical Journal C, 2013, 73, 1.	3.9	7

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37	Leading order determination of the gluon polarisation from DIS events with high- $p_T$ hadron pairs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 922-930.	4.1	45
38	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
39	Upgrade of the COMPASS calorimetric trigger. Journal of Instrumentation, 2013, 8, C02038-C02038.	1.2	0
40	First Measurement of Chiral Dynamics in $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="block">\hat{D} - D \rangle$ and $\hat{D}$ meson production in muon nucleon interactions at 160 GeV/c. Physical Review Letters, 2012, 108, 192001.	7.8	18
41	Exclusive muoproduction on transversely polarised protons and deuterons. Nuclear Physics B, 2012, 865, 1-20.	2.5	18
42	D $\bar{\nu}$ and D meson production in muon nucleon interactions at 160 GeV/c. European Physical Journal C, 2012, 72, 1.	3.9	5
43	I " Experimental investigation of transverse spin asymmetries in $\frac{1}{4}$ -p SIDIS processes: Collins asymmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 376-382.	4.1	101
44	II " Experimental investigation of transverse spin asymmetries in $\frac{1}{4}$ -p SIDIS processes: Sivers asymmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 383-389.	4.1	111
45	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
46	A Digital Trigger for the Electromagnetic Calorimeter at the COMPASS Experiment. IEEE Transactions on Nuclear Science, 2011, 58, 1719-1722.	2.0	6
47	Bernauer et al. Reply. Physical Review Letters, 2011, 107, .	7.8	29
48	Cryogenic Silicon Detectors for the COMPASS Experiment at CERN. Nuclear Physics, Section B, Proceedings Supplements, 2011, 215, 310-312.	0.4	1
49	Meson spectroscopy in diffractive dissociation of high-energetic pions at COMPASS. , 2011, , .	0	
50	Azimuthal asymmetries of charged hadrons produced by high-energy muons scattered off longitudinally polarised deuterons. European Physical Journal C, 2010, 70, 39-49.	3.9	31
51	High-Precision Determination of the Electric and Magnetic Form Factors of the Proton. Physical Review Letters, 2010, 105, 242001.	7.8	363
52	The spin-dependent structure function of the proton $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ altimg="s11.gif" overflow="scroll" } \rangle$ and a test of the Bjorken sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 466-472.	4.1	111
53	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
54	Quark helicity distributions from longitudinal spin asymmetries in muon-proton and muon-deuteron scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 227-235.	4.1	118

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55	Resonance in Diffractive Dissociation of $\pi^- p \rightarrow \pi^- \Delta^0 \rightarrow \pi^- \eta' \pi^+$ . <i>Nature</i> , 2010, 464, 190-193.	7.8	112
56	A digital trigger for the electromagnetic calorimeter at the COMPASS experiment. <i>Nucl. Instrum. Methods Phys. Res., Sect. A</i> , 2010, 619, 241803.	0	0
57	Tests of Chiral Perturbation Theory with COMPASS. <i>Nucl. Instrum. Methods Phys. Res., Sect. A</i> , 2010, 619, 241802.	2	2
58	The universal sampling ADC readout system of the COMPASS experiment. <i>Nucl. Instrum. Methods Phys. Res., Sect. A</i> , 2009, 600, 241801.	7	7
59	Collins and Sivers 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.	4.1	207
60	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.	4.1	36
61	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.	4.1	66
62	Radiative corrections to pion-nucleus bremsstrahlung. <i>European Physical Journal A</i> , 2009, 39, 71-80.	2.5	13
63	Measurement of the longitudinal spin transfer to $\bar{\Lambda}$ and $\bar{\Lambda}^0$ hyperons in polarised muon DIS. <i>European Physical Journal C</i> , 2009, 64, 171.	3.9	32
64	Radiative corrections to pion Compton scattering. <i>Nuclear Physics A</i> , 2008, 812, 186-200.	1.5	12
65	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.	4.1	72
66	Separated cross-sections in $\pi^0 \rightarrow \gamma \gamma$ electroproduction at threshold at $Q^2 = 0.05 \text{ GeV}^2/c^2$ . <i>European Physical Journal A</i> , 2008, 38, 27-33.	2.5	14
67	Cross-sections for low-energy $\pi^- \gamma$ reactions. <i>European Physical Journal A</i> , 2008, 36, 181-188.	2.5	35
68	A new measurement of the structure functions PLL - PTT/ $\bar{\mu}$ and PLT in virtual Compton scattering at $Q^2 = 0.33 \text{ (GeV}/c)^2$ . <i>European Physical Journal A</i> , 2008, 37, 1-8.	2.5	22
69	Covariant helicity-coupling amplitudes: A new formulation. <i>Physical Review D</i> , 2008, 78, 034001.	4.7	25
70	Recoil Polarization and Beam-Recoil Double Polarization Measurement off-Electroproduction on the Proton in the Region of the S11(1535) Resonance. <i>Physical Review Letters</i> , 2007, 99, 132301.	7.8	15
71	A new measurement of the Collins and Sivers asymmetries on a transversely polarised deuteron target. <i>Nuclear Physics B</i> , 2007, 765, 31-70.	2.5	203
72	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.	1.6	388

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73	Spin-dependent structure function $\langle \text{xml:math altimg="s1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:ns1="http://www.elsevier.com/xml/common/table/dtd" xmlns:ns2="http://www.elsevier.com/xml/ce/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/ce/struct-bib/dtd" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/ce/struct-bib/dtd" \rangle$ Spin asymmetry $\langle \text{xml:math altimg="s1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:ns1="http://www.elsevier.com/xml/common/table/dtd" xmlns:ns2="http://www.elsevier.com/xml/ce/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/ce/struct-bib/dtd" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/ce/struct-bib/dtd" \rangle$ Spin physics at COMPASS. European Physical Journal A, 2007, 31, 620-625.	4.1	258
74	Beam-helicity asymmetry in photon and pion electroproduction in the $\bar{\Lambda}''(1232)$ -resonance region at $Q^2 = 0.35(\text{GeV}/c)^2$ . European Physical Journal A, 2007, 32, 69-75.	4.1	48
75	Double spin asymmetry in exclusive $\bar{\Lambda}^0$ muoproduction at COMPASS. European Physical Journal C, 2007, 52, 255-265.	2.5	0
76	Monte Carlo simulation of virtual Compton scattering below pion threshold. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 566, 675-686. From quasi-real photoproduction of high- $\langle \text{xml:math altimg="s1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:ns1="http://www.elsevier.com/xml/common/table/dtd" xmlns:ns2="http://www.elsevier.com/xml/ce/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/ce/struct-bib/dtd" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/ce/struct-bib/dtd" \rangle$ Measurement of the LT-asymmetry in $\bar{\Lambda}''(1232)$ -electroproduction at the energy of the $\bar{\Lambda}''(1232)$ -resonance. European Physical Journal A, 2006, 27, 91-97.	1.6	8
77	An experiment for the measurement of the bound- $\bar{\Lambda}^2$ -decay of the free neutron. European Physical Journal A, 2006, 30, 603-611.	4.1	118
78	Hadron spectroscopy in photo- and hadroproduction at COMPASS. AIP Conference Proceedings, 2006, .	2.5	38
79	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.	0.4	0
80	First Measurement of the Transverse Spin Asymmetries of the Deuteron in Semi-inclusive Deep Inelastic Scattering. Physical Review Letters, 2005, 94, 202002.	4.1	125
81	Search for the $\phi_{1860}$ Pentaquark at COMPASS. European Physical Journal C, 2005, 41, 469-474.	7.8	275
82	MEASUREMENT OF TRANSVERSE $\bar{\Lambda}$ POLARISATION AT COMPASS. , 2005, .	3.9	0
83	Measurement of the Exclusive $e^-e^-p$ Reaction Below the Quasielastic Peak. Physical Review Letters, 2004, 93, 132301.	2.5	5
84	Measurement of RLT and ATL in the $^4\text{He}(e, e^-p)^3\text{H}$ reaction at $p_{\text{miss}} = 130-300 \text{ MeV}/c$ . European Physical Journal A, 2004, 22, 449-454.	2.5	3
85	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

#	ARTICLE	IF	CITATIONS
91	Final state interaction effects in ${}^3\text{He}(\text{e}^{\pm}, \text{e}^{\pm}\text{p})$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 559, 41-48.	4.1	15
92	The neutron charge form factor and target analyzing powers from ${}^3\text{He}(\text{e}^{\pm}, \text{e}^{\pm}\text{n})$ scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 564, 199-204.	4.1	113
93	A fast Tracker for COMPASS based on the GEM. Nuclear Physics, Section B, Proceedings Supplements, 2003, 125, 368-373.	0.4	7
94	Measurement of the Beam-Helicity Asymmetry in the $\text{p}(\text{e}^{\pm}, \text{e}^{\pm}\text{p})$ Reaction at the Energy of the $\Delta(1232)$ Resonance. Physical Review Letters, 2002, 88, 142001.	7.8	43
95	Triple GEM tracking detectors for COMPASS. IEEE Transactions on Nuclear Science, 2002, 49, 2403-2410.	2.0	30
96	GEM DETECTORS FOR COMPASS. , 2002, , .		0
97	The horizontal drift chambers for the focal plane proton-polarimeter of the 3-spectrometer setup at MAMI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 483, 726-733.	1.6	9
98	The focal plane proton-polarimeter for the 3-spectrometer setup at MAMI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 483, 713-725.	1.6	25
99	Construction, test and commissioning of the triple-gem tracking detector for compass. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 490, 177-203.	1.6	200
100	Precise neutron magnetic form factors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 524, 26-32.	4.1	167
101	Self energies of the pion and the $\Delta$ isobar from the ${}^3\text{He}(\text{e}, \text{e}^{\pm}\text{e}^{\mp})\text{H}$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 530, 67-73.	4.1	7
102	ARCHITECTURE OF THE COMMON GEM AND SILICON READOUT FOR THE COMPASS EXPERIMENT. , 2002, , .		1
103	Measurement of GE <sub>p</sub> /GM <sub>p</sub> via polarization transfer at Q <sub>2</sub> = 0.4 GeV /c <sup>2</sup> . European Physical Journal A, 2001, 12, 125-127.	2.5	100
104	Coherent $\pi^0$ threshold production from the deuteron at Q <sub>2</sub> =0.1 ÅGeV <sup>2</sup> /c <sup>2</sup> . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 238-244.	4.1	12
105	Polarization transfer in the ${}^4\text{HeH}$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 500, 47-52.	4.1	120
106	GEM detectors for COMPASS. IEEE Transactions on Nuclear Science, 2001, 48, 1065-1069.	2.0	15
107	Neutral Pion Threshold Production at Q <sub>2</sub> =0.05 GeV <sup>2</sup> /c <sup>2</sup> and Chiral Perturbation Theory. Physical Review Letters, 2001, 88, 012301.	7.8	21
108	Measurement of the Recoil Polarization in the $\text{p}(\text{e}^{\pm}, \text{e}^{\pm}\text{p}^{\pm})$ Reaction at the $\Delta(1232)$ Resonance. Physical Review Letters, 2001, 86, 2959-2962.	7.8	88

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109	Virtual compton scattering and polarizabilities. <i>Progress in Particle and Nuclear Physics</i> , 2000, 44, 371-389.	14.4	5
110	The first dedicated virtual compton scattering experiment at MAMI. <i>Nuclear Physics A</i> , 2000, 663-664, 389c-392c.	1.5	1
111	QED radiative corrections to virtual Compton scattering. <i>Physical Review C</i> , 2000, 62, .	2.9	100
112	First Determination of Generalized Polarizabilities of the Proton by a Virtual Compton Scattering Experiment. <i>Physical Review Letters</i> , 2000, 85, 708-711.	7.8	63
113	High-Precision Studies of the $\text{H}^3e(e,e\gamma p)$ Reaction at the Quasielastic Peak. <i>Physical Review Letters</i> , 1999, 83, 2308-2311.	7.8	18
114	A measurement of the axial form factor of the nucleon by the $p(e,e\gamma n)$ reaction at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 468, 20-27.	4.1	95
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