Zein-Eddine Meziani

List of Publications by Year
in descending order

141 papers	9,411 citations	34105 52 h-index	37204 96 g-index
145 all docs	145 docs citations	145 times ranked	2429 citing authors

#	Article	IF	Citations
1	Measurement of the Neutron Radius of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Pb</mml:mi><mml:mprescripts /><mml:none /><mml:mn>208</mml:mn></mml:mmultiscripts></mml:math>through Parity Violation in Electron Scattering. Physical Review Letters, 2012, 108, 112502.	7.8	482
2	Determination of the neutron spin structure function. Physical Review Letters, 1993, 71, 959-962.	7.8	450
3	Deep-inelastic electron scattering from carbon. Nuclear Physics A, 1983, 402, 515-540.	1.5	394
4	Measurements of the proton and deuteron spin structure functionsg1andg2. Physical Review D, 1998, 58, .	4.7	339
5	Precision Determination of the Neutron Spin Structure Functiong1n. Physical Review Letters, 1997, 79, 26-30.	7.8	320
6	Precision Measurement of the Proton Spin Structure Functiong1p. Physical Review Letters, 1995, 74, 346-350.	7.8	305
7	Coulomb Sum Rule forCa40,Ca48, andFe56for|qâ†'|<~550MeV/c. Physical Review Letters, 1984, 52, 2130-2133.	7.8	285
8	Deep inelastic scattering of polarized electrons by polarizedHe3and the study of the neutron spin structure. Physical Review D, 1996, 54, 6620-6650.	4.7	251
9	Measurements of the elastic electromagnetic form factor ratioÎ¼pGEp/GMpvia polarization transfer. Physical Review C, 2001, 64, .	2.9	232
10	Basic instrumentation for Hall A at Jefferson Lab. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 522, 294-346.	1.6	215
11	Precision Measurement of the Deuteron Spin Structure Functiong1d. Physical Review Letters, 1995, 75, 25-28.	7.8	213
12	Transverse Response Functions in Deep-Inelastic Electron Scattering forCa40,Ca48, andFe56. Physical Review Letters, 1985, 54, 1233-1236.	7.8	186
13	Single Spin Asymmetries in Charged Pion Production from Semi-Inclusive Deep Inelastic Scattering on a Transversely Polarized<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:math>Target at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Q</mml:mi><mml:mn>2</mml:mn></mml:msup><mml:mo>=</mml:mo><mml:mn>1.4</mml:mn>	7.8	183
14	Parity-violating electroweak asymmetry ineâƒ—pscattering. Physical Review C, 2004, 69, .	2.9	181
15	Precision Measurements of the Nucleon Strange Form Factors atQ2âˆ¼0.1â€‰â€‰GeV2. Physical Review Letters, 2007, 98, 032301.	7.8	180
16	Precision measurement of the neutron spin asymmetries and spin-dependent structure functions in the valence quark region. Physical Review C, 2004, 70, .	2.9	155
17	Scaling Tests of the Cross Section for Deeply Virtual Compton Scattering. Physical Review Letters, 2006, 97, 262002.	7.8	150
18	Measurements of the Proton and Deuteron Spin Structure Functiong2and AsymmetryA2. Physical Review Letters, 1996, 76, 587-591.	7.8	146

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19	Transverse AsymmetryATâ€²from the Quasielastic3Heâ†'(eâ†',eâ€²)Process and the Neutron Magnetic Form Factor. Physical Review Letters, 2000, 85, 2900-2904.	7.8	144
20	Parity-Violating Electron Scattering fromHe4and the Strange Electric Form Factor of the Nucleon. Physical Review Letters, 2006, 96, 022003.	7.8	142
21	yscaling in electron-nucleus scattering. Physical Review Letters, 1987, 59, 427-430.	7.8	131
22	Constraints on the nucleon strange form factors at <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:. Physics Letters, Secti	4.1	130
23	Measurement of the neutral weak form factors of the proton. Physical Review Letters, 1999, 82, 1096-1100.	7.8	123
24	Deeply Virtual Compton Scattering off the Neutron. Physical Review Letters, 2007, 99, 242501.	7.8	122
25	Measurements of R=ÏƒL/ÏƒT for 0.03<x<0.1 and fit to world data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 452, 194-200.	4.1	112
26	Production ofÎ›Î›4HHypernuclei. Physical Review Letters, 2001, 87, 132504.	7.8	110
27	Measurements of the Electric Form Factor of the Neutron up to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Q</mml:mi><mml:mn>2</mml:mn></mml:msup><mml:mo>=</mml:mo><mml:mn>3.4</mml:mn the Reaction<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mn /><mml:mn>3</mml:mn></mml:msup><mml:mover accent="true. Physical Review Letters, 2010, 105, 262302.	7.8	110
28	Next-to-leading order QCD analysis of polarized deep inelastic scattering data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 180-190.	4.1	109
29	Precision Measurement of the Neutron Spin AsymmetryA1nand Spin-Flavor Decomposition in the Valence Quark Region. Physical Review Letters, 2004, 92, 012004.	7.8	106
30	Electroexcitation of theÎ”(1232) in nuclei. Physical Review Letters, 1989, 62, 1350-1353.	7.8	100
31	New measurement of parity violation in elastic electronâ€“proton scattering and implications for strange form factors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 509, 211-216.	4.1	94
32	Longitudinal and transverse responses in quasi-elastic electron scattering from 208Pb and 4He. Nuclear Physics A, 1994, 572, 513-559.	1.5	93
33	Measurements of the Deuteron Elastic Structure FunctionA(Q2)for0.7â‰¤Q2â‰¤6.0(GeV/c)2at Jefferson Laboratory. Physical Review Letters, 1999, 82, 1374-1378.	7.8	90
34	Measurements of the Q2-dependence of the proton and deuteron spin structure functions g1p and g1d. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 364, 61-68.	4.1	89
35	Inclusive electron-nucleus scattering at high momentum transfer. Physical Review C, 1993, 48, 1849-1863.	2.9	87
36	Measurements of Deuteron Photodisintegration up to 4.0 GeV. Physical Review Letters, 1998, 81, 4576-4579.	7.8	85

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37	Low-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Q</mml:mi><mml:mn>2</mml:mn></mml:msup></mml:math>measurements of the proton form factor ratio<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>Î¼</mml:mi><mml:mi>p</mml:mi></mml:msub><mml:msub><mml:mi>G</mml:mi><mml:mm Physical Review C, 2011, 84, .	2.9	84
38	New Precision Limit on the Strange Vector Form Factors of the Proton. Physical Review Letters, 2012, 108, 102001.	7.8	83
39	Experimental Determination of the Evolution of the Bjorken Integral at LowQ2. Physical Review Letters, 2004, 93, 212001.	7.8	78
40	Plane-wave impulse approximation extraction of the neutron magnetic form factor from quasielastic3Heâ†'(eâ†',eâ€²)atQ2=0.3to0.6(GeV/c)2. Physical Review C, 2003, 67, .	2.9	77
41	Measurement of parity violation in electronâ€“quark scattering. Nature, 2014, 506, 67-70.	27.8	75
42	Q2Evolution of the Generalized Gerasimov-Drell-Hearn Integral for the Neutron using aH3eTarget. Physical Review Letters, 2002, 89, 242301.	7.8	73
43	Cross Sections for the Exclusive Photon Electroproduction on the Proton and Generalized Parton Distributions. Physical Review Letters, 2015, 115, 212003.	7.8	73
44	Measurement of the neutron spin structure function gn2 and asymmetry An2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 377-382.	4.1	71
45	Measurement of the Proton and Deuteron Spin Structure Functiong1in the Resonance Region. Physical Review Letters, 1997, 78, 815-819.	7.8	70
46	Q2Evolution of the Neutron Spin Structure Moments using aHe3Target. Physical Review Letters, 2004, 92, 022301.	7.8	68
47	Dynamical Relativistic Effects in Quasielastic1p-Shell Proton Knockout fromO16. Physical Review Letters, 2000, 84, 3265-3269.	7.8	66
48	Polarization Measurements in High-Energy Deuteron Photodisintegration. Physical Review Letters, 2001, 86, 2975-2979.	7.8	62
49	High-Resolution Spectroscopy of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="bold">N</mml:mi><mml:mprescripts /><mml:mi>Î›</mml:mi><mml:mn>16</mml:mn></mml:mmultiscripts></mml:math>by Electroproduction. Physical Review Letters, 2009, 103, 202501.	7.8	60
50	E00-110 experiment at Jefferson Lab Hall A: Deeply virtual Compton scattering off the proton at 6 GeV. Physical Review C, 2015, 92, .	2.9	58
51	Measurement of the Differential Cross Section for the reactionH2(Î³,p)nat High Photon Energies andÎ¸c.m.=90Â°. Physical Review Letters, 1988, 61, 2530-2533.	7.8	57
52	Two-Body Photodisintegration of the Deuteron up to 2.8 GeV. Physical Review Letters, 1995, 74, 646-649.	7.8	57
53	Extraction of the neutron magnetic form factor from quasielastic3Heâ†'(eâ†',e') atQ2=0.1â^'0.6â€ƒ(GeV/c)2. Physical Review C, 2007, 75, .	2.9	52
54	Longitudinal and transverse response functions inFe56(e,eâ€™) at momentum transfer near 1 GeV/c. Physical Review Letters, 1991, 66, 1283-1286.	7.8	51

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55	Nuclear matter response function. Physical Review C, 1989, 40, 1011-1024.	2.9	50
56	Is the Coulomb sum rule violated in nuclei?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 515, 269-275.	4.1	47
57	Beam-Target Double-Spin Asymmetry<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>A</mml:mi><mml:mi>LT</mml:mi></mml:msub></mml:math>in Charged Pion Production from Deep Inelastic Scattering on a Transversely Polarized<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:math>Target at<mml:math xmlns:mml="http://www	7.8	45
58	Cross-Section Measurement of Charged-Pion Photoproduction from Hydrogen and Deuterium. Physical Review Letters, 2003, 91, 022003.	7.8	44
59	Measurements of the Proton Elastic-Form-Factor Ratio<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î¼</mml:mi><mml:mi>p</mml:mi></mml:msub><mml:msubsup><mml:mi>G</mml:mi><mm:n Low Momentum Transfer. Physical Review Letters, 2007, 99, 202002.	7.8	44
60	Transverse and longitudinal response functions in quasielastic electron scattering from nuclei. Nuclear Physics A, 1985, 446, 113-122.	1.5	42
61	Q2Dependence of the Neutron Spin Structure Functiong2nat LowQ2. Physical Review Letters, 2005, 95, 142002.	7.8	41
62	Compton-Scattering Cross Section on the Proton at High Momentum Transfer. Physical Review Letters, 2007, 98, 152001.	7.8	41
63	Probing the High Momentum Component of the Deuteron at High<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Q</mml:mi><mml:mn>2</mml:mn></mml:msup></mml:math>. Physical Review Letters, 2011, 107, 262501.	7.8	41
64	Single spin asymmetries of inclusive hadrons produced in electron scattering from a transversely polarized<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mn>3</mml:mn></mml:msup></mml:math>He target. Physical Review C, 2014, 89, .	2.9	41
65	Two-body disintegration of the deuteron with 0.8â€“1.8 GeV photons. Physical Review C, 1993, 48, 1864-1878.	2.9	40
66	New Measurements of the Transverse Beam Asymmetry for Elastic Electron Scattering from Selected Nuclei. Physical Review Letters, 2012, 109, .	7.8	39
67	Cross section measurements of charged pion photoproduction in hydrogen and deuterium from 1.1 to 5.5 GeV. Physical Review C, 2005, 71, .	2.9	37
68	Coulomb distortion measurements by comparing electron and positron quasielastic scattering off12Cand208Pb. Physical Review C, 1999, 60, .	2.9	35
69	Higher twists and color polarizabilities in the neutron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 613, 148-153.	4.1	35
70	High momentum transferRT,Linclusive response functions forHe3,4. Physical Review Letters, 1992, 69, 41-44.	7.8	34
71	Single spin asymmetries in charged kaon production from semi-inclusive deep inelastic scattering on a transversely polarized<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:math>target. Physical Review C, 2014, 90, .	2.9	34
72	Measurement of the Generalized Polarizabilities of the Proton in Virtual Compton Scattering atQ2=0.92and1.76â€‰â€‰GeV2. Physical Review Letters, 2004, 93, 122001.	7.8	33

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73	Measurement of the Generalized Forward Spin Polarizabilities of the Neutron. Physical Review Letters, 2004, 93, 152301.	7.8	31
74	Dynamics of the quasielasticO16(e,eâ€²p)reaction atQ2â‰ˆ0.8(GeVâˆ•c)2. Physical Review C, 2004, 70, .	2.9	30
75	SUM RULES AND MOMENTS OF THE NUCLEON SPIN STRUCTURE FUNCTIONS. Modern Physics Letters A, 2005, 20, 2745-2765.	1.2	28
76	Exclusive neutral pion electroproduction in the deeply virtual regime. Physical Review C, 2011, 83, .	2.9	28
77	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">Ï’</mml:mi></mml:math> photoproduction on the proton at the Electron-Ion Collider. Physical Review D, 2020, 102, .	4.7	27
78	Nuclear structure functions atx>1. Physical Review C, 1992, 45, 1582-1585.	2.9	26
79	Nuclear transparency with theÎ³nâ†’Ï€âˆ’process in4He. Physical Review C, 2003, 68, .	2.9	25
80	Polarization Transfer in Proton Compton Scattering at High Momentum Transfer. Physical Review Letters, 2005, 94, .	7.8	25
81	Quark-Hadron Duality in Neutron (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq1 1 0.784314 rgBT /Ove 2008, 101, 182502.	7.8	24
82	Measurement of the Target-Normal Single-Spin Asymmetry in Deep-Inelastic Scattering from the Reaction He3â†‘(e,eâ€²)X. Physical Review Letters, 2014, 113, 022502.	7.8	24
83	Precision measurements of <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> in the deep inelastic regime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 309-314.	4.1	24
84	High energy angular distribution measurements of the exclusive deuteron photodisintegration reaction. Physical Review C, 2002, 66, .	2.9	23
85	Measurements of Parity-Violating Asymmetries in Electron-Deuteron Scattering in the Nucleon Resonance Region. Physical Review Letters, 2013, 111, 082501.	7.8	23
86	Measurements of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>d</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>A</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow> Physical Review D, 2016, 94, .	4.7	23
87	Precision Measurement of the Spin-Dependent Asymmetry in the Threshold Region of3Hâ†’e(eâ†’,eâ€²). Physical Review Letters, 2001, 87, 242501.	7.8	22
88	Unconventional Applications of Superconducting Nanowire Single Photon Detectors. Nanomaterials, 2020, 10, 1198.	4.1	22
89	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:math>Spin-Dependent Cross Sections and Sum Rules. Physical Review Letters, 2008, 101, 022303.	7.8	21
90	Precision Measurement of the Neutron Twist-3 Matrix Element<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>d</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow> Probing Color Forces. Physical Review Letters, 2014, 113, 022002.	7.8	20

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91	Measurement of parity-violating asymmetry in electron-deuteron inelastic scattering. Physical Review C, 2015, 91, .	2.9	20
92	Dynamics of the16O(e,eâ€²p)Reaction at High Missing Energies. Physical Review Letters, 2001, 86, 5670-5674.	7.8	18
93	Recoil-Proton Polarization in High-Energy Deuteron Photodisintegration with Circularly Polarized Photons. Physical Review Letters, 2007, 98, 182302.	7.8	18
94	Measurement of the neutron charge radius and the role of its constituents. Nature Communications, 2021, 12, 1759.	12.8	18
95	Measurement of â€œpseudocityâ€asymmetry of charged pion production in semi-inclusive deep inelastic scattering on a polarized<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">He</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>target. Physical Review C, 2014, 90, .	2.9	17
96	An experimental program with high duty-cycle polarized and unpolarized positron beams at Jefferson Lab. European Physical Journal A, 2021, 57, 1.	2.5	17
97	Nucleon and Nuclear Structure Through Dilepton Production. Acta Physica Polonica B, 2018, 49, 741.	0.8	17
98	Probing Few-Body Nuclear Dynamics via <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">H</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	7.8	16
99	Superconducting nanowires as high-rate photon detectors in strong magnetic fields. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 959, 163543.	1.6	16
100	Comparing proton momentum distributions in Aâ€¯=â€¯2 and 3 nuclei via 2H 3H and 3He (e,eâ€²p) measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134890.	4.1	14
101	Charge radii of the nucleon from its flavor dependent Dirac form factors. European Physical Journal A, 2021, 57, 1.	2.5	14
102	Revealing Color Forces with Transverse Polarized Electron Scattering. Physical Review Letters, 2019, 122, 022002.	7.8	13
103	Measurement of the 3He spin-structure functions and of neutron (3He) spin-dependent sum rules at 0.035â€‰â‰¤â€‰Q2â€‰â‰¤â€‰0.24 GeV2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135428.	4.1	13
104	Demonstration of background rejection using deep convolutional neural networks in the NEXT experiment. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
105	Moments of the neutrong2structure function at intermediateQ2. Physical Review C, 2015, 92, .	2.9	12
106	CoherentÏ€0photoproduction on the deuteron up to 4 GeV. Physical Review C, 1999, 60, .	2.9	11
107	Novel observation of isospin structure of short-range correlations in calcium isotopes. Physical Review C, 2020, 102, .	2.9	11
108	Double spin asymmetries of inclusive hadron electroproduction from a transversely polarized<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:mrow></mml:math>target. Physical Review C, 2015, 92, .	2.9	9

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109	Measurement of the generalized spin polarizabilities of the neutron in the low-Q2 region. Nature Physics, 2021, 17, 687-692.	16.7	9
110	JLab Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>He</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>Charge Form Factor at Large Momentum Transfers. Physical Review Letters, 2014, 112, 132503.	7.8	8
111	Production of Charmonium at Threshold in Hall A and C at Jefferson Lab. Few-Body Systems, 2017, 58, 1.	1.5	8
112	Enhanced UV light detection using a p-terphenyl wavelength shifter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 870, 110-115.	1.6	7
113	Proton form factor ratio <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Î¼</mml:mi><mml:mi>p</mml:mi></mml:msub></mml:mrow></mml:math> from double spin asymmetry. Physical Review C, 2020, 101, .	2.9	7
114	Double polarisation observable <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi mathvariant="double-struck">G</mml:mi></mml:math> for single pion photoproduction from the proton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136304.	4.1	7
115	Polarized structure functions in the valence quark and resonance regions and the GDH sum. Nuclear Physics A, 2003, 721, C118-C126.	1.5	6
116	Search forÎ£50,N50, andÎ˜++pentaquark states. Physical Review C, 2007, 75, .	2.9	6
117	A threshold gas Cherenkov detector for the Spin Asymmetries of the Nucleon Experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 804, 118-126.	1.6	6
118	First measurement of unpolarized semi-inclusive deep-inelastic scattering cross sections from a He3 target. Physical Review C, 2017, 95, .	2.9	6
119	JLab Measurements of the He3 Form Factors at Large Momentum Transfers. Physical Review Letters, 2017, 119, 162501.	7.8	5
120	First measurement of direct photoproduction of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>a</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> meson on the proton. Physical Review C, 2020, 102, .	2.9	5
121	Density effect in CuK-shell ionization by 5.1-GeV electrons. Physical Review Letters, 1992, 68, 2293-2296.	7.8	4
122	Polarization observables in deuteron photodisintegration below 360 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 194-198.	4.1	4
123	Towards the next QCD Frontier with the Electron Ion Collider. EPJ Web of Conferences, 2016, 113, 05019.	0.3	4
124	Design and performance of the spin asymmetries of the nucleon experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 885, 145-159.	1.6	4
125	Boosting background suppression in the NEXT experiment through Richardson-Lucy deconvolution. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
126	Nucleon spin physics at Jefferson Lab.. Nuclear Physics, Section B, Proceedings Supplements, 2002, 105, 105-112.	0.4	3

#	Article	IF	Citations
127	MCP-PMT development at Argonne for particle identification. Journal of Instrumentation, 2020, 15, C04038-C04038.	1.2	3
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