

Zein-Eddine Meziani

List of Publications by Year in descending order

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141
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34105

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145
all docs

145
docs citations

145
times ranked

2429
citing authors

#	ARTICLE	IF	CITATIONS
19	Revealing Color Forces with Transverse Polarized Electron Scattering. Physical Review Letters, 2019, 122, 022002.	7.8	13
20	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
21	Nucleon and Nuclear Structure Through Dilepton Production. Acta Physica Polonica B, 2018, 49, 741.	0.8	17
22	Production of Charmonium at Threshold in Hall A and C at Jefferson Lab. Few-Body Systems, 2017, 58, 1.	1.5	8
23	First measurement of unpolarized semi-inclusive deep-inelastic scattering cross sections from a He3 target. Physical Review C, 2017, 95, .	2.9	6
24	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
25	JLab Measurements of the He3 Form Factors at Large Momentum Transfers. Physical Review Letters, 2017, 119, 162501.	7.8	5
26	Towards the next QCD Frontier with the Electron Ion Collider. EPJ Web of Conferences, 2016, 113, 05019.	0.3	4
27	Measurements of d^2 and dA double spin asymmetries of inclusive hadron electroproduction from a transversely polarized target. Physical Review C, 2015, 92, .	4.7	23
28	Double spin asymmetries of inclusive hadron electroproduction from a transversely polarized ^3He target. Physical Review C, 2015, 92, .	2.9	9
29	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
30	Cross Sections for the Exclusive Photon Electroproduction on the Proton and Generalized Parton Distributions. Physical Review Letters, 2015, 115, 212003.	7.8	73
31	Moments of the neutron structure function at intermediate Q^2 . Physical Review C, 2015, 92, .	2.9	12
32	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
33	Precision measurements of A_1 and A_2 in the deep inelastic regime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 309-314.	2.9	21
34	Measurement of parity-violating asymmetry in electron-deuteron inelastic scattering. Physical Review C, 2015, 91, .	2.9	20
35	Measurement of ϵ asymmetry of charged pion production in semi-inclusive deep inelastic scattering on a polarized ^3He target. Physical Review C, 2014, 90, .	2.9	17
36	Single spin asymmetries in charged kaon production from semi-inclusive deep inelastic scattering on a transversely polarized ^3He target. Physical Review C, 2014, 90, .	2.9	34

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55	Quark-Hadron Duality in Neutron ($\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle T_j \text{ETQq1}$) 1 0.784314 rgBT /Over 2008, 101, 182502.	7.8	24
56	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \text{display="inline"} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{He} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ Spin-Dependent Cross Sections and Sum Rules. Physical Review Letters, 2008, 101, 022303.	7.8	21
57	Deeply Virtual Compton Scattering off the Neutron. Physical Review Letters, 2007, 99, 242501.	7.8	122
58	Recoil-Proton Polarization in High-Energy Deuteron Photodisintegration with Circularly Polarized Photons. Physical Review Letters, 2007, 98, 182302.	7.8	18
59	Search for $\Lambda(1520)$, $\Lambda(1520)$, and $\Lambda(1520)$ pentaquark states. Physical Review C, 2007, 75, .	2.9	6
60	Precision Measurements of the Nucleon Strange Form Factors at $Q^2 = 1.4$ and 2.0 GeV ² . Physical Review Letters, 2007, 98, 032301.	7.8	180
61	Extraction of the neutron magnetic form factor from quasielastic $^3\text{He}(e, e')$ at $Q^2 = 0.1$ to 0.6 (GeV/c) ² . Physical Review C, 2007, 75, .	2.9	52
62	Compton-Scattering Cross Section on the Proton at High Momentum Transfer. Physical Review Letters, 2007, 98, 152001.	7.8	41
63	Measurements of the Proton Elastic-Form-Factor Ratio $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \text{display="inline"} \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle^{1/4} \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \rangle G \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle$ Low Momentum Transfer. Physical Review Letters, 2007, 99, 202002.	7.8	44
64	Scaling Tests of the Cross Section for Deeply Virtual Compton Scattering. Physical Review Letters, 2006, 97, 262002.	7.8	150
65	Parity-Violating Electron Scattering from ^4He and the Strange Electric Form Factor of the Nucleon. Physical Review Letters, 2006, 96, 022003.	7.8	142
66	Constraints on the nucleon strange form factors at $Q^2 = 1.4$ and 2.0 GeV ² . Physical Review Letters, 2007, 98, 032301.	4.1	130
67	Quark-gluon correlations and Color Polarizabilities. AIP Conference Proceedings, 2006, , .	0.4	0
68	SPIN STRUCTURE OF THE NUCLEON AND ASPECTS OF DUALITY. , 2006, , .		0
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	Q^2 evolution of ^3He spin structure functions moments. European Physical Journal A, 2005, 24, 153-156.	2.5	1
71	Q^2 Dependence of the Neutron Spin Structure Function g_2^{nat} at Low Q^2 . Physical Review Letters, 2005, 95, 142002.	7.8	41
72	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

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73	Polarization Transfer in Proton Compton Scattering at High Momentum Transfer. Physical Review Letters, 2005, 94, .	7.8	25
74	SUM RULES AND MOMENTS OF THE NUCLEON SPIN STRUCTURE FUNCTIONS. Modern Physics Letters A, 2005, 20, 2745-2765.	1.2	28
75	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
76	Dynamics of the quasielastic $^{16}\text{O}(e,e\epsilon^2p)$ reaction at $Q^2 \approx 0.8 (\text{GeV}/c)^2$. Physical Review C, 2004, 70, .	2.9	30
77	Q^2 Evolution of the Neutron Spin Structure Moments using a ^3He Target. Physical Review Letters, 2004, 92, 022301.	7.8	68
78	Experimental Determination of the Evolution of the Bjorken Integral at Low Q^2 . Physical Review Letters, 2004, 93, 212001.	7.8	78
79	Measurement of the Generalized Forward Spin Polarizabilities of the Neutron. Physical Review Letters, 2004, 93, 152301.	7.8	31
80	Precision Measurement of the Neutron Spin Asymmetry A_1 and Spin-Flavor Decomposition in the Valence Quark Region. Physical Review Letters, 2004, 92, 012004.	7.8	106
81	Measurement of the Generalized Polarizabilities of the Proton in Virtual Compton Scattering at $Q^2=0.92$ and 1.76 GeV^2 . Physical Review Letters, 2004, 93, 122001.	7.8	33
82	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
83	Parity-violating electroweak asymmetry in $e\bar{p}$ scattering. Physical Review C, 2004, 69, .	2.9	181
84	Neutron spin structure in the valence quark region. Brazilian Journal of Physics, 2004, 34, 976-978.	1.4	0
85	Is the proton electromagnetic form factor modified in nuclei?. European Physical Journal A, 2003, 17, 451-455.	2.5	1
86	Polarized structure functions in the valence quark and resonance regions and the GDH sum. Nuclear Physics A, 2003, 721, C118-C126.	1.5	6
87	Cross-Section Measurement of Charged-Pion Photoproduction from Hydrogen and Deuterium. Physical Review Letters, 2003, 91, 022003.	7.8	44
88	Plane-wave impulse approximation extraction of the neutron magnetic form factor from quasielastic $^3\text{He}(e\hat{t}^+, e\epsilon^2)$ at $Q^2=0.3$ to $0.6 (\text{GeV}/c)^2$. Physical Review C, 2003, 67, .	2.9	77
89	Nuclear transparency with the $^3\text{He}(e\hat{t}^+, e\epsilon^2)$ process in ^4He . Physical Review C, 2003, 68, .	2.9	25
90	NUCLEON SPIN PHYSICS USING CEBAF AT 11 GeV. International Journal of Modern Physics A, 2003, 18, 1281-1288.	1.5	1

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91	Q2Evolution of the Generalized Gerasimov-Drell-Hearn Integral for the Neutron using aH3eTarget. Physical Review Letters, 2002, 89, 242301.	7.8	73
92	High energy angular distribution measurements of the exclusive deuteron photodisintegration reaction. Physical Review C, 2002, 66, .	2.9	23
93	Nucleon spin physics at Jefferson Lab.. Nuclear Physics, Section B, Proceedings Supplements, 2002, 105, 105-112.	0.4	3
94	Measurements of the elastic electromagnetic form factor ratio $\hat{1}/4pGEp/GMp$ via polarization transfer. Physical Review C, 2001, 64, .	2.9	232
95	Polarization Measurements in High-Energy Deuteron Photodisintegration. Physical Review Letters, 2001, 86, 2975-2979.	7.8	62
96	New measurement of parity violation in elastic electron-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
97	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
98	Measurements of the deuteron electric and magnetic form factors at the Jefferson laboratory. Nuclear Physics A, 2001, 689, 437-440.	1.5	0
99	Production of $\hat{1}/4H$ Hypernuclei. Physical Review Letters, 2001, 87, 132504.	7.8	110
100	Precision Measurement of the Spin-Dependent Asymmetry in the Threshold Region of $3H \hat{1}/4 e(e \hat{1}/4', e \hat{1}/4^2)$. Physical Review Letters, 2001, 87, 242501.	7.8	22
101	Dynamics of the $16O(e, e \hat{1}/4^2 p)$ Reaction at High Missing Energies. Physical Review Letters, 2001, 86, 5670-5674.	7.8	18
102	THE SPIN STRUCTURE OF THE NEUTRON AND $3HE$: AN OVERVIEW OF THE JLAB EXPERIMENTS IN HALL A. , 2001, , .		0
103	Dynamical Relativistic Effects in Quasielastic $1p$ -Shell Proton Knockout from $O16$. Physical Review Letters, 2000, 84, 3265-3269.	7.8	66
104	Transverse Asymmetry $AT \hat{1}/4^2$ from the Quasielastic $3He \hat{1}/4'(e \hat{1}/4', e \hat{1}/4^2)$ Process and the Neutron Magnetic Form Factor. Physical Review Letters, 2000, 85, 2900-2904.	7.8	144
105	Measurement of the neutral weak form factors of the proton. Physical Review Letters, 1999, 82, 1096-1100.	7.8	123
106	Measurements of the Deuteron Elastic Structure Function $A(Q^2)$ for $0.7 \hat{1}/4^2 \hat{1}/4^2 6.0(\text{GeV}/c)^2$ at Jefferson Laboratory. Physical Review Letters, 1999, 82, 1374-1378.	7.8	90
107	Coherent $\hat{1}/4^0$ photoproduction on the deuteron up to 4 GeV. Physical Review C, 1999, 60, .	2.9	11
108	Coulomb distortion measurements by comparing electron and positron quasielastic scattering off $12C$ and $208Pb$. Physical Review C, 1999, 60, .	2.9	35

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109	Measurements of $R = \frac{\int f_L}{\int f_T}$ 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
110	Spin physics at TJNAF using a polarized ^3He target. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 402, 284-290.	1.6	0
111	Measurements of the proton and deuteron spin structure functions g_1 and g_2 . Physical Review D, 1998, 58, .	4.7	339
112	Measurements of Deuteron Photodisintegration up to 4.0 GeV. Physical Review Letters, 1998, 81, 4576-4579.	7.8	85
113	Precision Determination of the Neutron Spin Structure Function g_1^n . Physical Review Letters, 1997, 79, 26-30.	7.8	320
114	Measurement of the Proton and Deuteron Spin Structure Function g_1 in the Resonance Region. Physical Review Letters, 1997, 78, 815-819.	7.8	70
115	Spin structure functions of the neutron g_1^n : SLAC E154 results. , 1997, , .		0
116	Measurement of the neutron spin structure function g_n and asymmetry A_n . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 377-382.	4.1	71
117	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
118	Deep inelastic scattering of polarized electrons by polarized ^3He and the study of the neutron spin structure. Physical Review D, 1996, 54, 6620-6650.	4.7	251
119	Measurements of the Proton and Deuteron Spin Structure Function g_2 and Asymmetry A_2 . Physical Review Letters, 1996, 76, 587-591.	7.8	146
120	Measurements of the Q^2 -dependence of the proton and deuteron spin structure functions g_1^p and g_1^d . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 364, 61-68.	4.1	89
121	Precision Measurement of the Proton Spin Structure Function g_1^p . Physical Review Letters, 1995, 74, 346-350.	7.8	305
122	Two-Body Photodisintegration of the Deuteron up to 2.8 GeV. Physical Review Letters, 1995, 74, 646-649.	7.8	57
123	Precision Measurement of the Deuteron Spin Structure Function g_1^d . Physical Review Letters, 1995, 75, 25-28.	7.8	213
124	Longitudinal and transverse responses in quasi-elastic electron scattering from ^{208}Pb and ^4He . Nuclear Physics A, 1994, 572, 513-559.	1.5	93
125	High momentum transfer $R_{T,L}$ response functions for $^3,^4\text{He}$. Nuclear Physics A, 1993, 553, 701-704.	1.5	1
126	Determination of the neutron spin structure function. Physical Review Letters, 1993, 71, 959-962.	7.8	450

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127	Inclusive electron-nucleus scattering at high momentum transfer. Physical Review C, 1993, 48, 1849-1863.	2.9	87
128	Two-body disintegration of the deuteron with $0.8 \leq 1.8$ GeV photons. Physical Review C, 1993, 48, 1864-1878.	2.9	40
129	Density effect in CuK-shell ionization by 5.1-GeV electrons. Physical Review Letters, 1992, 68, 2293-2296.	7.8	4
130	Nuclear structure functions at $x > 1$. Physical Review C, 1992, 45, 1582-1585.	2.9	26
131	High momentum transfer RT, Linclusive response functions for He3,4. Physical Review Letters, 1992, 69, 41-44.	7.8	34
132	Longitudinal and transverse response functions in Fe56(e, e') at momentum transfer near 1 GeV/c. Physical Review Letters, 1991, 66, 1283-1286.	7.8	51
133	High energy deuteron photodisintegration. Nuclear Physics A, 1990, 508, 455-464.	1.5	1
134	Nuclear matter response function. Physical Review C, 1989, 40, 1011-1024.	2.9	50
135	Electroexcitation of the $\hat{\rho}^{\nu}(1232)$ in nuclei. Physical Review Letters, 1989, 62, 1350-1353.	7.8	100
136	Measurement of the Differential Cross Section for the reaction $H^2(\hat{\nu}, p)$ at High Photon Energies and $\hat{\nu}$. Physical Review Letters, 1988, 61, 2530-2533.	7.8	57
137	yscaling in electron-nucleus scattering. Physical Review Letters, 1987, 59, 427-430.	7.8	131
138	Transverse and longitudinal response functions in quasielastic electron scattering from nuclei. Nuclear Physics A, 1985, 446, 113-122.	1.5	42
139	Transverse Response Functions in Deep-Inelastic Electron Scattering for Ca40, Ca48, and Fe56. Physical Review Letters, 1985, 54, 1233-1236.	7.8	186
140	Coulomb Sum Rule for Ca40, Ca48, and Fe56 for $ q \hat{\nu}' < \sim 550$ MeV/c. Physical Review Letters, 1984, 52, 2130-2133.	7.8	285
141	Deep-inelastic electron scattering from carbon. Nuclear Physics A, 1983, 402, 515-540.	1.5	394