

Oleksandr P Dzyubak

List of Publications by Year in descending order

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citations

117625

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69
docs citations

69
times ranked

2145
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive Differentiation of Uric Acid versus Non-Uric Acid Kidney Stones Using Dual-Energy CT. Academic Radiology, 2007, 14, 1441-1447.	2.5	364
2	Differential cross sections for $\bar{\Lambda}^0$ hyperons. Physical Review C, 2006, 73, .	2.9	255
3	Measurement of Two- and Three-Nucleon Short-Range Correlation Probabilities in Nuclei. Physical Review Letters, 2006, 96, 082501.	7.8	225
4	Measurement of Deeply Virtual Compton Scattering Beam-Spin Asymmetries. Physical Review Letters, 2008, 100, 162002.	7.8	153
5	First measurement of beam-recoil observables C_x and C_z in hyperon photoproduction. Physical Review C, 2007, 75, .	2.9	140
6	Dual-Energy CT Iodine-Subtraction Virtual Unenhanced Technique to Detect Urinary Stones in an Iodine-Filled Collecting System: A Phantom Study. American Journal of Roentgenology, 2008, 190, 1169-1173.	2.2	114
7	Measurement of beam-spin asymmetries for $\bar{\Lambda}^0$ electroproduction above the baryon resonance region. Physical Review D, 2004, 69, .	4.7	110
8	Measurement of Deeply Virtual Compton Scattering with a Polarized-Proton Target. Physical Review Letters, 2006, 97, 072002.	7.8	98
9	Search for the $\bar{\Lambda}^0$ Pentaquark in the Reaction $\bar{\Lambda}^0 \rightarrow p \bar{K}^0 K^+$. Physical Review Letters, 2006, 96, 212001.	7.8	92
10	Measurement of the $\bar{\Lambda}^0 \rightarrow p \bar{K}^0 K^+$ Transition at High-Momentum Transfer by $\bar{\Lambda}^0$ Electroproduction. Physical Review Letters, 2006, 97, 112003.	7.8	90
11	Measurement of the $\bar{\Lambda}^0 \rightarrow p \bar{K}^0 K^+$ Transition at High-Momentum Transfer by $\bar{\Lambda}^0$ Electroproduction. Physical Review Letters, 2006, 97, 112003.	7.8	90
12	$\bar{\Lambda}^0$ photoproduction on the proton for photon energies from 0.675 to 2.875 GeV. Physical Review C, 2007, 76, .	2.9	79
13	Precise Measurement of the Neutron Magnetic Form Factor in the Few-GeV Region. Physical Review Letters, 2009, 102, 192001.	7.8	78
14	Search for $\bar{\Lambda}^0$ Pentaquark in High-Statistics Measurement of $\bar{\Lambda}^0 \rightarrow p \bar{K}^0 K^+$ at CLAS. Physical Review Letters, 2006, 96, 042001.	7.8	69
15	Search for Medium Modifications of the $\bar{\Lambda}^0$ Meson. Physical Review Letters, 2007, 99, 262302.	7.8	68
16	Electroexcitation of the Roper resonance for $\bar{\Lambda}^0$. Physical Review C, 2008, 78, .	2.9	65
17	Single $\bar{\Lambda}^0$ electroproduction on the proton in the first and second resonance regions at $0.25 \text{ GeV}^2 < Q^2 < 0.65 \text{ GeV}^2$. Physical Review C, 2006, 73, .	2.9	57
18	Light vector mesons in the nuclear medium. Physical Review C, 2008, 78, .	2.9	57

#	ARTICLE	IF	CITATIONS
19	Cross sections and beam asymmetries for $\pi^+p \rightarrow n\pi^+\pi^0$ in the nucleon resonance region for $1.7 \leq Q^2 \leq 4.5 \text{ GeV}^2$. Physical Review C, 2008, 77, .	2.9	56
20	π^0 photoproduction on the Proton for Photon Energies from 1.527 to 2.227 GeV. Physical Review Letters, 2006, 96, 062001.	7.8	54
21	Separated structure functions for the exclusive electroproduction of K^+ and K^0 final states. Physical Review C, 2007, 75, .	2.9	53
22	Search for the π^+ pentaquark in the reactions $\pi^+p \rightarrow K^+K^0p$ and $\pi^+p \rightarrow K^+K^0p$. Physical Review D, 2006, 74, .	4.7	51
23	Measurement of semi-inclusive π^0 electroproduction off the proton. Physical Review D, 2009, 80, .		51
24	Exclusive π^0 electroproduction on the proton at CLAS. European Physical Journal A, 2009, 39, 5-31.	2.5	48
25	Beam-Helicity Asymmetries in Double-Charged-Pion Photoproduction on the Proton. Physical Review Letters, 2005, 95, 162003.	7.8	45
26	Measurement of the polarized structure function $F_2^p(e, e, \pi^+)$ in the $\pi^+(1232)$ resonance region. Physical Review C, 2004, 70, .	2.9	42
27	Quark-hadron duality in spin structure functions g_1 and g_2 . Physical Review C, 2007, 75, .	2.9	42
28	Deeply virtual and exclusive electroproduction of π^0 -mesons. European Physical Journal A, 2005, 24, 445-458.	2.5	40
29	Exclusive π^0 electroproduction on the proton at CLAS. European Physical Journal A, 2009, 39, 5-31.	4.1	39
30	Complete angular distribution measurements of two-body deuteron photodisintegration between 0.5 and 3 GeV. Physical Review C, 2004, 70, .	2.9	38
31	Onset of Asymptotic Scaling in Deuteron Photodisintegration. Physical Review Letters, 2005, 94, 012301.	7.8	38
32	Experimental Study of Exclusive $H^2(e, e, \pi^2)p$ Reaction Mechanisms at High Q^2 . Physical Review Letters, 2007, 98, 262502.	7.8	38
33	Search for the π^+ Pentaquark in the $\pi^+d \rightarrow \pi^+nK^+$ Reaction Measured with the CLAS Spectrometer. Physical Review Letters, 2006, 97, 032001.	7.8	35
34	Reduction of irregular breathing artifacts in respiration-correlated CT images using a respiratory motion model. Medical Physics, 2012, 39, 3070-3079.	3.0	35
35	Cascade production in the reactions $\pi^+p \rightarrow K^+K^0p$ and $\pi^+p \rightarrow K^+K^0p$. Physical Review Letters, 2006, 97, 032001.		34
36	Polarized structure function $F_2^p(e, e, \pi^+)$ in the $\pi^+(1232)$ resonance region. Physical Review C, 2004, 70, .	2.9	33

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37	Electroproduction of $\rho(770)^0$ mesons at $\sqrt{s} = 1.02$ GeV. Physical Review C, 2008, 78, .	2.9	32
38	Radiative decays of the $\Lambda(1385)$ and $\Sigma(1385)$ hyperons. Physical Review C, 2005, 71, .	2.9	31
39	Cross sections for the $\rho(770)^0$ meson at $\sqrt{s} = 1.02$ GeV. Physical Review C, 2007, 75, .	2.9	31
40	Beam spin asymmetries in deeply virtual Compton scattering (DVCS) with CLAS at 4.8 GeV. Physical Review C, 2009, 80, .	2.9	31
41	Search for the Photoexcitation of Exotic Mesons in the $\rho(770)^0$ meson. Physical Review Letters, 2009, 102, 102002.	7.8	31
42	Electroproduction of $\rho(770)^0$ mesons at $\sqrt{s} = 1.02$ GeV measured with the CLAS spectrometer. Physical Review C, 2008, 78, .	2.9	27
43	Electron scattering from high-momentum neutrons in deuterium. Physical Review C, 2006, 73, .	2.9	25
44	Measurement of Direct $\rho(770)^0$ meson production in the $\rho(770)^0$ meson. Physical Review C, 2009, 80, 102001.	2.9	23
45	Exclusive photoproduction of the cascade (Ξ) hyperons. Physical Review C, 2005, 71, .	2.9	24
46	Measurement of $\rho(770)^0$ meson photoproduction from the deuteron at low energies. Physical Review C, 2008, 77, .	2.9	23
47	Proton Source Size Measurements in the $\rho(770)^0$ meson production. Physical Review Letters, 2004, 93, 192301.	7.8	21
48	Measurement of coherent $\rho(770)^0$ -meson photoproduction from the deuteron at low energies. Physical Review C, 2007, 76, .	2.9	21
49	A technical solution to avoid partial scan artifacts in cardiac MDCT. Medical Physics, 2007, 34, 4726-4737.	3.0	21
50	Complete measurement of three-body photodisintegration of ^3He for photon energies between 0.35 and 1.55 GeV. Physical Review C, 2004, 70, .	2.9	20
51	Measurement of the polarized structure function F_2 for pion electroproduction in the Roper-resonance region. Physical Review C, 2005, 72, .	2.9	20
52	Measurement of the deuteron structure function F_2 in the resonance region and evaluation of its moments. Physical Review C, 2006, 73, .	2.9	20
53	First measurement of target and double spin asymmetries for $\rho(770)^0$ in the nucleon resonance region above the $\rho(770)^0$ (1232). Physical Review C, 2008, 78, .	2.9	20
54	Evidence for a backward peak in the $\rho(770)^0$ cross section near the Λ -threshold. European Physical Journal A, 2010, 43, 261-267.	2.5	17

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55	Bayesian Analysis of Pentaquark Signals from CLAS Data. Physical Review Letters, 2008, 100, 052001.	7.8	14
56	Tensor polarization of the ρ -meson photoproduced at high energy. Physical Review C, 2004, 69, .	2.9	13
57	Search for Ω_{ccc} Pentaquarks in the Exclusive Reaction $\bar{p} + K^+ \rightarrow \bar{K}^0 + p$. Physical Review Letters, 2006, 97, 102001.	7.8	13
58	Automation of Hessian-Based Tubularity Measure Response Function in 3D Biomedical Images. International Journal of Biomedical Imaging, 2011, 2011, 1-16.	3.9	13
59	Evaluation of tumor localization in respiration motion-corrected cone-beam CT: Prospective study in lung. Medical Physics, 2014, 41, 101918.	3.0	12
60	Controlling and stabilizing unpredictable behavior of metabolic reactions and carcinogenesis in biological systems. Nonlinear Dynamics, 2019, 97, 1853-1866.	5.2	9
61	Ratios of N^{15}/C^{12} and He^4/C^{12} inclusive electroproduction cross sections in the nucleon resonance region. Physical Review C, 2008, 78, .	2.9	7
62	Survey of asymmetries in semi-exclusive electron scattering on 4He and ^{12}C . Nuclear Physics A, 2005, 748, 357-373.	1.5	4
63	Multi-parametric evolution of conditions leading to cancer invasion in biological systems. Applied Mathematical Modelling, 2021, 90, 46-60.	4.2	3
64	Chaos in the three-well potential system. Mechanics Research Communications, 2004, 31, 287-294.	1.8	2
65	Design of internal superconducting holding magnet for the JLAB Hall-B frozen spin polarized target. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 526, 132-137.	1.6	1
66	Publisher's Note: Two-Nucleon Momentum Distributions Measured in $He^3(e, e^2pp)n$ [Phys. Rev. Lett. PRLTAO0031-900792, 052303 (2004)]. Physical Review Letters, 2004, 92, .	7.8	0