

Oleksandr P Dzyubak

List of Publications by Year in descending order

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66
papers

3,544
citations

117625

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133252

59
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69
all docs

69
docs citations

69
times ranked

2145
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-parametric evolution of conditions leading to cancer invasion in biological systems. Applied Mathematical Modelling, 2021, 90, 46-60.	4.2	3
2	Controlling and stabilizing unpredictable behavior of metabolic reactions and carcinogenesis in biological systems. Nonlinear Dynamics, 2019, 97, 1853-1866.	5.2	9
3	Evaluation of tumor localization in respiration motion-corrected cone-beam CT: Prospective study in lung. Medical Physics, 2014, 41, 1019-18.	3.0	12
4	Reduction of irregular breathing artifacts in respiration-correlated CT images using a respiratory motion model. Medical Physics, 2012, 39, 3070-3079.	3.0	35
5	Automation of Hessian-Based Tubularity Measure Response Function in 3D Biomedical Images. International Journal of Biomedical Imaging, 2011, 2011, 1-16.	3.9	13
6	Evidence for a backward peak in the $\hat{p}_d \hat{\alpha}^{\dagger} \hat{\Gamma} \hat{0}$ cross section near the $\hat{\Gamma}$ threshold. European Physical Journal A, 2010, 43, 261-267.	2.5	17
7	Measurement of Direct $\hat{\Gamma} \hat{0}$ cross section near the $\hat{\Gamma}$ threshold. European Physical Journal A, 2010, 43, 261-267.	2.5	17
8	Beam spin asymmetries in deeply virtual Compton scattering (DVCS) with CLAS at 4.8 GeV. Physical Review C, 2009, 80, .	2.9	31
9	Search for the Photoexcitation of Exotic Mesons in the $\hat{\Gamma} \hat{0}$ cross section near the $\hat{\Gamma}$ threshold. European Physical Journal A, 2009, 39, 5-31.	2.5	48
10	Electroproduction of $\hat{\Gamma} \hat{0}$ mesons at 1.4 GeV measured with the CLAS spectrometer. Physical Review C, 2008, 78, .	2.9	27
11	Measurement of semi-inclusive $\hat{\Gamma} \hat{0}$ electroproduction off the proton. Physical Review D, 2009, 80, .	2.9	31
12	Measurement of semi-inclusive $\hat{\Gamma} \hat{0}$ electroproduction off the proton. Physical Review D, 2009, 80, .	2.9	31
13	Exclusive $\hat{\Gamma} \hat{0}$ electroproduction on the proton at CLAS. European Physical Journal A, 2009, 39, 5-31.	2.5	48
14	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
15	Electroproduction of $\hat{\Gamma} \hat{0}$ mesons at 1.4 GeV measured with the CLAS spectrometer. Physical Review C, 2008, 78, .	2.9	27
16	Measurement of $\hat{\Gamma} \hat{0}$ electroproduction on the proton at CLAS. European Physical Journal A, 2009, 39, 5-31.	2.5	48
17	Measurement of $\hat{\Gamma} \hat{0}$ electroproduction on the proton at CLAS. European Physical Journal A, 2009, 39, 5-31.	2.5	48
18	Measurement of $\hat{\Gamma} \hat{0}$ electroproduction on the proton at CLAS. European Physical Journal A, 2009, 39, 5-31.	2.5	48

#	ARTICLE	IF	CITATIONS
19	First measurement of target and double spin asymmetries for $\hat{\sigma}^{\uparrow\uparrow}$ in the nucleon resonance region above the $\rho(1232)$. Physical Review C, 2008, 78, .	2.9	20
20	Bayesian Analysis of Pentaquark Signals from CLAS Data. Physical Review Letters, 2008, 100, 052001.	7.8	14
21	Cross sections and beam asymmetries for π^0 in the nucleon resonance region for $1.7 < Q^2 < 4.5 \text{ GeV}^2$. Physical Review C, 2008, 77, .	2.9	56
22	Light vector mesons in the nuclear medium. Physical Review C, 2008, 78, .	2.9	57
23	Measurement of Deeply Virtual Compton Scattering Beam-Spin Asymmetries. Physical Review Letters, 2008, 100, 162002.	7.8	153
24	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
25	Quark-hadron duality in spin structure functions g_1 and g_2 . Physical Review C, 2007, 75, .	2.9	42
26	Search for Medium Modifications of the ρ Meson. Physical Review Letters, 2007, 99, 262302.	7.8	68
27	Separated structure functions for the exclusive electroproduction of K^+ and K^0 final states. Physical Review C, 2007, 75, .	2.9	53
28	Experimental Study of Exclusive $H^2(e, e'p)n$ Reaction Mechanisms at High Q^2 . Physical Review Letters, 2007, 98, 262502.	7.8	38
29	Measurement of coherent ρ^0 -meson photoproduction from the deuteron at low energies. Physical Review C, 2007, 76, .	2.9	21
30	ρ^0 photoproduction on the proton for photon energies from 0.675 to 2.875 GeV. Physical Review C, 2007, 76, .	2.9	79
31	Cascade production in the reactions $\gamma p \rightarrow \rho^0 p \rightarrow \rho^0 p \pi^0$. Physical Review C, 2007, 76, .	2.9	34
32	Cross sections for the ρ^0 photoproduction on the proton for photon energies from 0.675 to 2.875 GeV. Physical Review C, 2007, 75, .	2.9	31
33	of the ρ^0 photoproduction on the proton for photon energies from 0.675 to 2.875 GeV. Physical Review C, 2007, 75, .	2.9	31
34	A technical solution to avoid partial scan artifacts in cardiac MDCT. Medical Physics, 2007, 34, 4726-4737.	3.0	21
35	Noninvasive Differentiation of Uric Acid versus Non-Uric Acid Kidney Stones Using Dual-Energy CT. Academic Radiology, 2007, 14, 1441-1447.	2.5	364
36	First measurement of beam-recoil observables C_x and C_z in hyperon photoproduction. Physical Review C, 2007, 75, .	2.9	140

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37	Search for the $\hat{\Sigma}^+$ -pentaquark in the reactions $\hat{\Sigma}^+\hat{p}^+\hat{K}^0\hat{K}^0$ and $\hat{\Sigma}^+\hat{p}^+\hat{K}^0\hat{K}^0$. Physical Review D, 2006, 74, .	4.7	51
38	Search for $\hat{\Sigma}^{++}$ -Pentaquarks in the Exclusive Reaction $\hat{\Sigma}^+\hat{p}^+\hat{K}^+\hat{K}^0$. Physical Review Letters, 2006, 97, 102001.	7.8	13
39	Search for the $\hat{\Sigma}^+$ -Pentaquark in the Reaction $\hat{\Sigma}^+\hat{p}^+\hat{K}^+\hat{K}^0$. Physical Review Letters, 2006, 96, 212001.	7.8	92
40	Search for the $\hat{\Sigma}^+$ -Pentaquark in the $\hat{\Sigma}^+\hat{p}^+\hat{K}^+\hat{K}^0$ Reaction Measured with the CLAS Spectrometer. Physical Review Letters, 2006, 97, 032001.	7.8	35
41	Single $\hat{\Sigma}^+$ -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
42	Search for $\hat{\Sigma}^+(1540)$ -Pentaquark in High-Statistics Measurement of $\hat{\Sigma}^+\hat{p}^+\hat{K}^0$ at CLAS. Physical Review Letters, 2006, 96, 042001.	7.8	69
43	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
44	Electron scattering from high-momentum neutrons in deuterium. Physical Review C, 2006, 73, .	2.9	25
45	Measurement of Deeply Virtual Compton Scattering with a Polarized-Proton Target. Physical Review Letters, 2006, 97, 072002.	7.8	98
46	$\hat{\Sigma}^+$ -Photoproduction on the Proton for Photon Energies from 1.527 to 2.227 GeV. Physical Review Letters, 2006, 96, 062001.	7.8	54
47	Measurement of Two- and Three-Nucleon Short-Range Correlation Probabilities in Nuclei. Physical Review Letters, 2006, 96, 082501.	7.8	225
48	Measurement of the $\hat{\Sigma}^+(1232)$ Transition at High-Momentum Transfer by $\hat{\Sigma}^+$ -Electroproduction. Physical Review Letters, 2006, 97, 112003.	7.8	90
49	Differential cross sections for $\hat{\Sigma}^+\hat{p}^+\hat{K}^+\hat{K}^0$ and $\hat{\Sigma}^+\hat{p}^+\hat{K}^0\hat{K}^0$ hyperons. Physical Review C, 2006, 73, .	2.9	255
50	Exclusive $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x$	4.1	39
51	Survey of asymmetries in semi-exclusive electron scattering on 4He and 12C . Nuclear Physics A, 2005, 748, 357-373.	1.5	4
52	Deeply virtual and exclusive electroproduction of $\hat{\Sigma}^+$ -mesons. European Physical Journal A, 2005, 24, 445-458.	2.5	40
53	Measurement of the polarized structure function $\hat{\Sigma}^+$ for pion electroproduction in the Roper-resonance region. Physical Review C, 2005, 72, .	2.9	20
54	Exclusive photoproduction of the cascade ($\hat{\Sigma}^+$) hyperons. Physical Review C, 2005, 71, .	2.9	24

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55	Radiative decays of the $\Lambda(1385)$ and $\Sigma(1520)$ hyperons. <i>Physical Review C</i> , 2005, 71, .	2.9	31
56	Beam-Helicity Asymmetries in Double-Charged-Pion Photoproduction on the Proton. <i>Physical Review Letters</i> , 2005, 95, 162003.	7.8	45
57	Onset of Asymptotic Scaling in Deuteron Photodisintegration. <i>Physical Review Letters</i> , 2005, 94, 012301.	7.8	38
58	Measurement of the polarized structure function F_2^p for $(e, e' \pi^+)$ in the $\rho(1232)$ resonance region. <i>Physical Review C</i> , 2004, 70, .	2.9	42
59	Complete measurement of three-body photodisintegration of ^3He for photon energies between 0.35 and 1.55 GeV. <i>Physical Review C</i> , 2004, 70, .	2.9	20
60	Measurement of beam-spin asymmetries for π^+ electroproduction above the baryon resonance region. <i>Physical Review D</i> , 2004, 69, .	4.7	110
61	Proton Source Size Measurements in the $^3\text{He}(e, e' p)\pi^+$ Reaction. <i>Physical Review Letters</i> , 2004, 93, 192301.	7.8	21
62	Publisher's Note: Two-Nucleon Momentum Distributions Measured in $^3\text{He}(e, e' pp)n$ [<i>Phys. Rev. Lett.</i> PRLA00031-900792, 052303 (2004)]. <i>Physical Review Letters</i> , 2004, 92, .	7.8	0
63	Tensor polarization of the ρ -meson photoproduced at high energy. <i>Physical Review C</i> , 2004, 69, .	2.9	13
64	Complete angular distribution measurements of two-body deuteron photodisintegration between 0.5 and 3 GeV. <i>Physical Review C</i> , 2004, 70, .	2.9	38
65	Chaos in the three-well potential system. <i>Mechanics Research Communications</i> , 2004, 31, 287-294.	1.8	2
66	Design of internal superconducting holding magnet for the JLAB Hall-B frozen spin polarized target. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 526, 132-137.	1.6	1