Wim Cosyn

List of Publications by Year
in descending order

47 papers	704 citations	471509 17 h-index	580821 25 g-index
47 all docs	47 docs citations	47 times ranked	478 citing authors

#	Article	IF	Citations
1	Measurement of Nuclear Transparency for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>e</mml:mi><mml:mo>,</mml:mo><mml:msup><mml:mi>e</mml:mi><mml:mo>â€²	7.8	67
2	Stylized features of single-nucleon momentum distributions. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 055104.	3.6	48
3	The energy-momentum tensor of spin-1 hadrons: formalism. European Physical Journal C, 2019, 79, 1.	3.9	43
4	Quantifying short-range correlations in nuclei. Physical Review C, 2012, 86, .	2.9	39
5	Extracting the mass dependence and quantum numbers of short-range correlated pairs fromA(e,eâ€²p)andA(e,eâ€²pp)scattering. Physical Review C, 2015, 92, .	2.9	38
6	Color transparency and short-range correlations in exclusive pion photo- and electroproduction from nuclei. Physical Review C, 2008, 77, .	2.9	33
7	Exposing novel quark and gluon effects in nuclei. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 093001.	3.6	28
8	Factorization of exclusive electron-induced two-nucleon knockout. Physical Review C, 2014, 89, .	2.9	25
9	Tensor-polarized structure function b1 in the standard convolution description of the deuteron. Physical Review D, 2017, 95, .	4.7	25
10	Counting the number of correlated pairs in a nucleus. Physical Review C, 2011, 84, .	2.9	24
11	Quasielastic contribution to antineutrino-nucleus scattering. Physical Review C, 2014, 89, .	2.9	23
12	Final-state interactions in semi-inclusive deep inelastic scattering off the deuteron. Physical Review C, 2011, 84, .	2.9	22
13	Final-state interactions in two-nucleon knockout reactions. Physical Review C, 2016, 93, .	2.9	20
14	Relativistic eikonal description ofA(p,pN)reactions. Physical Review C, 2006, 73, .	2.9	18
15	Transversity generalized parton distributions for the deuteron. Physical Review D, 2018, 98, .	4.7	18
16	The isospin and neutron-to-proton excess dependence of short-range correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 21-28.	4.1	18
17	Density dependence of single-proton and two-proton knockout reactions under quasifree conditions. Physical Review C, 2009, 80, .	2.9	17
18	Nuclear transparencies from photoinduced pion production. Physical Review C, 2006, 74, .	2.9	16

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19	Neutron spin structure with polarized deuterons and spectator proton tagging at EIC. Journal of Physics: Conference Series, 2014, 543, 012007.	0.4	15
20	Final-state interactions in inclusive deep-inelastic scattering from the deuteron. Physical Review C, 2014, 89, .	2.9	14
21	Isospin composition of the high-momentum fluctuations in nuclei from asymptotic momentum distributions. Physical Review C, 2019, 100, .	2.9	14
22	Density dependence of quasifree single-nucleon knockout reactions. Physical Review C, 2011, 83, .	2.9	12
23	Nuclear final-state interactions in deep inelastic scattering off the lightest nuclei. International Journal of Modern Physics E, 2017, 26, 1730004.	1.0	12
24	Nuclearï•meson transparency in a relativistic Glauber model. Physical Review C, 2013, 87, .	2.9	11
25	Probing short-range correlations in asymmetric nuclei with quasi-free pair knockout reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 374-380.	4.1	11
26	Polynomiality sum rules for generalized parton distributions of spin-1 targets. Physical Review D, 2019, 99, .	4.7	11
27	Polarized electron-deuteron deep-inelastic scattering with spectator nucleon tagging. Physical Review C, 2020, 102, .	2.9	10
28	Electronâ€“deuteron DIS with spectator tagging at EIC: Development of theoretical framework. EPJ Web of Conferences, 2016, 112, 01022.	0.3	7
29	The transparency of nuclei to nucleons and pions in a relativistic Glauber approximation. European Physical Journal A, 2007, 31, 585-587.	2.5	6
30	Nuclear density dependence of in-medium polarization. Physical Review C, 2013, 87, .	2.9	6
31	Neutron spin structure from polarized deuteron DIS with proton tagging. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 799, 135035.	4.1	6
32	Phase-space distributions of nuclear short-range correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136526.	4.1	6
33	u-Channel Color Transparency Observables. Physics, 2022, 4, 451-461.	1.4	6
34	Extraction of neutron structure from tagged structure functions. , 2011, , .		5
35	Measurement of the ¹²C(e,eâ€²p)¹¹B two-body breakup reaction at high missing momentum. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 105109.	3.6	5
36	Diffractive rho plus lepton pair production at an electron-ion collider. Physical Review D, 2021, 103, .	4.7	5

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37	Final-state interactions in deep-inelastic scattering from a tensor polarized deuteron target. Journal of Physics: Conference Series, 2014, 543, 012006.	0.4	4
38	QCD evolution of superfast quarks. Physical Review D, 2019, 99, .	4.7	4
39	Diffractive two-meson electroproduction with a nucleon and deuteron target. Physical Review D, 2020, 102, .	4.7	4
40	Modeling Final-State Interactions with a Relativistic Multiple-Scattering Approximation. Few-Body Systems, 2011, 49, 77-84.	1.5	2
41	High-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>x</mml:mi></mml:math>structure function of the virtually free neutron. Physical Review C, 2016, 93, .	2.9	2
42	Mass dependence of short-range correlations in nuclei and the EMC effect. EPJ Web of Conferences, 2014, 66, 02022.	0.3	1
43	Tagged spectator deep-inelastic scattering off the deuteron as a tool to study neutron structure. EPJ Web of Conferences, 2016, 112, 03001.	0.3	1
44	Deuteron Helicity Flip Generalized Parton Distributions in a Convolution Model. , 2019, , .		1
45	Nuclear C(e, eâ€²p) Transparencies in a Relativistic Glauber Model. Physics, 2022, 4, 672-676.	1.4	1
46	The transparency of nuclei to nucleons and pions in a relativistic Glauber approximation. , 2007, , 235-237.		0
47	Accessing quark GPDs in diffractive events at an electron-ion collider. SciPost Physics Proceedings, 2022, , .	0.4	0