

Wim Cosyn

List of Publications by Year in descending order

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47
papers

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478
citing authors

#	ARTICLE	IF	CITATIONS
1	u-Channel Color Transparency Observables. <i>Physics</i> , 2022, 4, 451-461.	1.4	6
2	Nuclear $C(e, e'e^2p)$ Transparencies in a Relativistic Glauber Model. <i>Physics</i> , 2022, 4, 672-676.	1.4	1
3	Accessing quark GPDs in diffractive events at an electron-ion collider. <i>SciPost Physics Proceedings</i> , 2022, , .	0.4	0
4	Diffractive rho plus lepton pair production at an electron-ion collider. <i>Physical Review D</i> , 2021, 103, .	4.7	5
5	Phase-space distributions of nuclear short-range correlations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 820, 136526.	4.1	6
6	Diffractive two-meson electroproduction with a nucleon and deuteron target. <i>Physical Review D</i> , 2020, 102, .	4.7	4
7	Polarized electron-deuteron deep-inelastic scattering with spectator nucleon tagging. <i>Physical Review C</i> , 2020, 102, .	2.9	10
8	Polynomiality sum rules for generalized parton distributions of spin-1 targets. <i>Physical Review D</i> , 2019, 99, .	4.7	11
9	QCD evolution of superfast quarks. <i>Physical Review D</i> , 2019, 99, .	4.7	4
10	Exposing novel quark and gluon effects in nuclei. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 093001.	3.6	28
11	The energy-momentum tensor of spin-1 hadrons: formalism. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	43
12	The isospin and neutron-to-proton excess dependence of short-range correlations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 792, 21-28.	4.1	18
13	Neutron spin structure from polarized deuteron DIS with proton tagging. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 799, 135035.	4.1	6
14	Isospin composition of the high-momentum fluctuations in nuclei from asymptotic momentum distributions. <i>Physical Review C</i> , 2019, 100, .	2.9	14
15	Deuteron Helicity Flip Generalized Parton Distributions in a Convolution Model. , 2019, , .		1
16	Probing short-range correlations in asymmetric nuclei with quasi-free pair knockout reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 777, 374-380.	4.1	11
17	Transversity generalized parton distributions for the deuteron. <i>Physical Review D</i> , 2018, 98, .	4.7	18
18	Nuclear final-state interactions in deep inelastic scattering off the lightest nuclei. <i>International Journal of Modern Physics E</i> , 2017, 26, 1730004.	1.0	12

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19	Tensor-polarized structure function b_1 in the standard convolution description of the deuteron. <i>Physical Review D</i> , 2017, 95, .	4.7	25
20	Tagged spectator deep-inelastic scattering off the deuteron as a tool to study neutron structure. <i>EPJ Web of Conferences</i> , 2016, 112, 03001.	0.3	1
21	Electron-deuteron DIS with spectator tagging at EIC: Development of theoretical framework. <i>EPJ Web of Conferences</i> , 2016, 112, 01022.	0.3	7
22	Final-state interactions in two-nucleon knockout reactions. <i>Physical Review C</i> , 2016, 93, .	2.9	20
23	High- x structure function of the virtually free neutron. <i>Physical Review C</i> , 2016, 93, .	2.9	2
24	Extracting the mass dependence and quantum numbers of short-range correlated pairs from $A(e,e\epsilon^2p)$ and $A(e,e\epsilon^2pp)$ scattering. <i>Physical Review C</i> , 2015, 92, .	2.9	38
25	Stylized features of single-nucleon momentum distributions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2015, 42, 055104.	3.6	48
26	Mass dependence of short-range correlations in nuclei and the EMC effect. <i>EPJ Web of Conferences</i> , 2014, 66, 02022.	0.3	1
27	Measurement of the $C(e,e\epsilon^2p)$ two-body breakup reaction at high missing momentum. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014, 41, 105109.	3.6	5
28	Quasielastic contribution to antineutrino-nucleus scattering. <i>Physical Review C</i> , 2014, 89, .	2.9	23
29	Factorization of exclusive electron-induced two-nucleon knockout. <i>Physical Review C</i> , 2014, 89, .	2.9	25
30	Final-state interactions in inclusive deep-inelastic scattering from the deuteron. <i>Physical Review C</i> , 2014, 89, .	2.9	14
31	Neutron spin structure with polarized deuterons and spectator proton tagging at EIC. <i>Journal of Physics: Conference Series</i> , 2014, 543, 012007.	0.4	15
32	Final-state interactions in deep-inelastic scattering from a tensor polarized deuteron target. <i>Journal of Physics: Conference Series</i> , 2014, 543, 012006.	0.4	4
33	Nuclear meson transparency in a relativistic Glauber model. <i>Physical Review C</i> , 2013, 87, .	2.9	11
34	Nuclear density dependence of in-medium polarization. <i>Physical Review C</i> , 2013, 87, .	2.9	6
35	Quantifying short-range correlations in nuclei. <i>Physical Review C</i> , 2012, 86, .	2.9	39
36	Modeling Final-State Interactions with a Relativistic Multiple-Scattering Approximation. <i>Few-Body Systems</i> , 2011, 49, 77-84.	1.5	2

#	ARTICLE	IF	CITATIONS
37	Extraction of neutron structure from tagged structure functions. , 2011, , .		5
38	Density dependence of quasifree single-nucleon knockout reactions. Physical Review C, 2011, 83, .	2.9	12
39	Counting the number of correlated pairs in a nucleus. Physical Review C, 2011, 84, .	2.9	24
40	Final-state interactions in semi-inclusive deep inelastic scattering off the deuteron. Physical Review C, 2011, 84, .	2.9	22
41	Density dependence of single-proton and two-proton knockout reactions under quasifree conditions. Physical Review C, 2009, 80, .	2.9	17
42	Color transparency and short-range correlations in exclusive pion photo- and electroproduction from nuclei. Physical Review C, 2008, 77, .	2.9	33
43	Measurement of Nuclear Transparency for the $A(e, e'p)$ reaction	7.8	67
44	The transparency of nuclei to nucleons and pions in a relativistic Glauber approximation. European Physical Journal A, 2007, 31, 585-587.	2.5	6
45	The transparency of nuclei to nucleons and pions in a relativistic Glauber approximation. , 2007, , 235-237.		0
46	Relativistic eikonal description of $A(p, pN)$ reactions. Physical Review C, 2006, 73, .	2.9	18
47	Nuclear transparencies from photoinduced pion production. Physical Review C, 2006, 74, .	2.9	16