

# Leonard Gamberg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4843066/publications.pdf>

Version: 2024-02-01

35  
papers

792  
citations

471509

17  
h-index

526287

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of single transverse-spin asymmetries in high-energy collisions. Physical Review D, 2020, 102, .	4.7	85
2	Relating transverse-momentum-dependent and collinear factorization theorems in a generalized formalism. Physical Review D, 2016, 94, .	4.7	74
3	Bessel-weighted asymmetries in semi-inclusive deep inelastic scattering. Journal of High Energy Physics, 2011, 2011, 1.	4.7	55
4	Hadron structure functions in a chiral quark model: Regularization, scaling and sum rules. Nuclear Physics B, 1999, 560, 383-427.	2.5	52
5	Process dependent Sivers function and implication for single spin asymmetry in inclusive hadron production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 109-118.	4.1	48
6	Indication on the Process Dependence of the Sivers Effect. Physical Review Letters, 2013, 110, 232301.	7.8	45
7	Flavor-Spin Symmetry Estimate of the Nucleon Tensor Charge. Physical Review Letters, 2001, 87, 242001.	7.8	42
8	Transverse spin structure of the nucleon through target single-spin asymmetry in semi-inclusive deep-inelastic ( $e, e \rightarrow \pi$ ) reaction at Jefferson Lab. European Physical Journal Plus, 2011, 126, 1.	2.6	42
9	Final state interactions and the transverse structure of the pion using non-perturbative eikonal methods. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 685, 95-103.	4.1	39
10	Phenomenological constraints on $A$ in $p \rightarrow p$ from Lorentz invariance relations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 242-251.	4.1	33
11	Transverse-momentum-dependent parton distribution/fragmentation functions at an electron-ion collider. European Physical Journal A, 2011, 47, 1.	2.5	31
12	Kinematics of current region fragmentation in semi-inclusive deeply inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 245-253.	4.1	31
13	Testing the process dependence of the Sivers function via hadron distributions inside a jet. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 637-640.	4.1	29
14	Single transverse spin asymmetry of prompt photon production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 181-188.	4.1	25
15	Mapping the kinematical regimes of semi-inclusive deep inelastic scattering. Journal of High Energy Physics, 2019, 2019, 1.	4.7	24
16	Left-right spin asymmetry in $\langle \cos(\phi_h - \phi_S) \rangle$ in $e p \rightarrow e' p' X$ at next-to-leading order. Physical Review D, 2014, 90, .	4.7	22
17	Direct and Indirect Searches for Low-Mass Magnetic Monopoles. Foundations of Physics, 2000, 30, 543-565.	1.3	20
18	Polarized hyperon production in single-inclusive electron-positron annihilation at next-to-leading order. Journal of High Energy Physics, 2019, 2019, 1.	4.7	17

#	ARTICLE	IF	CITATIONS
19	Connections between collinear and transverse-momentum-dependent polarized observables within the Collins-Soper-Sterman formalism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 443-454.	4.1	16
20	Transverse $\hat{b}$ polarization in $e+e^{\gamma}$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 818, 136371.	4.1	13
21	Pre-Town Meeting on spin physics at an Electron-Ion Collider. European Physical Journal A, 2017, 53, 1.	2.5	11
22	THEORETICAL AND EXPERIMENTAL STATUS OF MAGNETIC MONOPOLES. International Journal of Modern Physics A, 2002, 17, 732-747.	1.5	10
23	Electron-ion collider impact study on the tensor charge of the nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136255.	4.1	9
24	The Drell-Yan process with pions and polarized nucleons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
25	Studies of transverse momentum dependent parton distributions and Bessel weighting. Journal of High Energy Physics, 2015, 2015, 1.	4.7	5
26	New tool for kinematic regime estimation in semi-inclusive deep-inelastic scattering. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
27	Hadron structure functions in a chiral quark model. European Physical Journal D, 2000, 50, 137-144.	0.4	1
28	Transversity and Meson Photoproduction. , 2003, , 452-454.		1
29	Transversity and Meson photoproduction. Nuclear Physics, Section B, Proceedings Supplements, 2003, 117, 452-454.	0.4	0
30	FLAVOR-SPIN SYMMETRY AND THE TENSOR CHARGE. International Journal of Modern Physics A, 2003, 18, 1297-1302.	1.5	0
31	Universality and Gluonic Pole Matrix Elements. , 2009, , .		0
32	Final State Interactions, T-odd PDFs & the Lensing Function. , 2009, , .		0
33	Gluonic Pole Matrix Elements and Universality. , 2009, , .		0
34	PROCESS DEPENDENCE AND THE SIVERS EFFECT IN INCLUSIVE AND SEMI-INCLUSIVE REACTIONS. International Journal of Modern Physics Conference Series, 2014, 25, 1460018.	0.7	0
35	THE CHIRAL ODD NUCLEON TENSOR CHARGE. , 2002, , .		0