

# Sergio Scopetta

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

808  
citations

430874

18  
h-index

526287

27  
g-index

61  
all docs

61  
docs citations

61  
times ranked

836  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quark model analysis of the Sivers function. Physical Review D, 2008, 78, .	4.7	49
2	Double parton correlations in constituent quark models. Physical Review D, 2013, 87, .	4.7	48
3	Towards a unified picture of constituent and current quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 421, 64-70.	4.1	43
4	Double parton correlations and constituent quark models: a light front approach to the valence sector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	40
5	Generalized parton distributions and composite constituent quarks. Physical Review D, 2004, 69, .	4.7	35
6	Neutron single spin asymmetries from semi-inclusive deep inelastic scattering off transversely polarized He3. Physical Review D, 2007, 75, .	4.7	35
7	Model calculations of the Sivers function satisfying the Burkardt sum rule. Physical Review D, 2009, 79, .	4.7	35
8	A quark model analysis of the transversity distribution. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 424, 25-32.	4.1	32
9	Analyzing the Boer-Mulders function within different quark models. Physical Review D, 2009, 80, .	4.7	32
10	Pion transverse momentum dependent parton distributions in the Nambu and Jona-Lasinio model. Journal of High Energy Physics, 2015, 2015, 1.	4.7	32
11	Correlations in double parton distributions: perturbative and non-perturbative effects. Journal of High Energy Physics, 2016, 2016, 1.	4.7	28
12	Polarized structure functions in a constituent quark scenario. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 442, 28-37.	4.1	27
13	3D structure and nuclear targets. European Physical Journal A, 2016, 52, 1.	2.5	26
14	Double parton scattering: A study of the effective cross section within a Light-Front quark model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 40-45.	4.1	24
15	Parton correlations in same-sign $W^+W^-$ pair production via double parton scattering at the LHC. Physical Review D, 2017, 95, .	4.7	22
16	Extracting generalized neutron parton distributions from $^3\text{He}$ data. Physical Review C, 2013, 87, .	2.9	19
17	Neutron orbital structure from generalized parton distributions of $^3\text{He}$ . Physical Review C, 2012, 85, .	2.9	18
18	The effective cross section for double parton scattering within a holographic AdS/QCD approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 270-273.	4.1	18

#	ARTICLE	IF	CITATIONS
19	Neutron Transverse-Momentum Distributions and Polarized $^3\text{He}$ within Light-Front Hamiltonian Dynamics. <i>Few-Body Systems</i> , 2013, 54, 1079-1082.	1.5	17
20	Coherent deeply virtual Compton scattering off $^3\text{He}$ . <i>Physical Review C</i> , 2018, 98, .	4.9	17
21	A quark model analysis of orbital angular momentum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 460, 8-16.	4.1	16
22	Eta-photon transition form factor. <i>Physical Review D</i> , 2012, 85, .	4.7	16
23	Light-front spin-dependent spectral function and nucleon momentum distributions for a three-body system. <i>Physical Review C</i> , 2017, 95, .	2.9	16
24	A model calculation of double parton distribution functions of the pion. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	16
25	Pion nucleus Drell-Yan process and parton transverse momentum in the pion. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	14
26	Double parton distributions in the pion in the Nambu-Jona-Lasinio model. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	14
27	Helicity-dependent generalized parton distributions and composite constituent quarks. <i>Physical Review D</i> , 2005, 71, .	4.7	12
28	Non-perturbative momentum dependence of the coupling constant and hadronic models. <i>European Physical Journal A</i> , 2011, 47, 1.	2.5	12
29	Model study of generalized parton distributions with helicity flip. <i>Physical Review D</i> , 2005, 72, .	4.7	9
30	Theoretical Description of Deeply Virtual Compton Scattering off $^3\text{He}$ . <i>Few-Body Systems</i> , 2014, 55, 861-864.	1.5	9
31	Light-Front Dynamics and the $^3\text{He}$ Spectral Function. <i>Few-Body Systems</i> , 2016, 57, 601-606.	1.5	9
32	Relativity and constituent quark structure in model calculations of parton distributions. <i>Physical Review D</i> , 2004, 70, .	4.7	8
33	Towards an Improved Description of SiDIS by a Polarized $^3\text{He}$ Target. <i>Few-Body Systems</i> , 2014, 55, 877-880.	1.5	6
34	Catching a glimpse of the parton structure of the bound proton. <i>Physical Review D</i> , 2020, 101, .	4.7	6
35	Flavor decomposition of transverse momentum dependent parton distributions. <i>EPJ Web of Conferences</i> , 2014, 73, 02019.	0.3	5
36	A Light-Front Approach to the $^3\text{He}$ Spectral Function. <i>Few-Body Systems</i> , 2015, 56, 425-430.	1.5	4

#	ARTICLE	IF	CITATIONS
37	Two-current correlations in the pion in the Nambu and Jona-Lasinio model. European Physical Journal C, 2020, 80, 1.	3.9	4
38	Generalized Parton Distributions of Light Nuclei. Few-Body Systems, 2021, 62, 1.	1.5	4
39	Incoherent deeply virtual Compton scattering off He4. Physical Review C, 2020, 102, .	2.9	4
40	Double Parton Distributions in Light-Front Constituent Quark Models. Few-Body Systems, 2015, 56, 515-521.	1.5	3
41	EMC effect, few-nucleon systems and Poincaré covariance. Physica Scripta, 2020, 95, 064008.	2.5	3
42	Light-front transverse momentum distributions for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="script"} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle / \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle$ hadronic systems in valence approximation. Physical Review C, 2021, 104, .	2.9	3
43	Transverse momentum distributions and nuclear effects. EPJ Web of Conferences, 2015, 85, 02027.	0.3	2
44	Double Parton Scattering and 3D Proton Structure: A Light-Front Analysis. Few-Body Systems, 2016, 57, 431-435.	1.5	2
45	Polarized $\vec{S}^3$ He Target and Final State Interactions in SiDIS. Few-Body Systems, 2017, 58, 1.	1.5	2
46	Deeply virtual Compton scattering off Helium nuclei with positron beams. European Physical Journal A, 2021, 57, 1.	2.5	2
47	The $^3\text{He}$ spectral function in light-front dynamics. EPJ Web of Conferences, 2016, 113, 05010.	0.3	1
48	Theoretical study of deeply virtual Compton scattering off $^4\text{He}$ . SciPost Physics Proceedings, 2020, , .	0.4	1
49	Poincaré Covariant Light-Front Spectral Function and Transverse Momentum Distributions. Springer Proceedings in Physics, 2020, , 691-695.	0.2	1
50	The neutron transversity from semi-inclusive DIS off $^3\text{He}$ . Few-Body Systems, 2008, 44, 75-78.	1.5	0
51	Transversity studies with protons and light nuclei. Journal of Physics: Conference Series, 2011, 336, 012027.	0.4	0
52	Generalized Parton Distributions of $^3\text{He}$ and the Neutron Orbital Structure. Few-Body Systems, 2013, 54, 1087-1090.	1.5	0
53	Coherent deeply virtual Compton scattering off $^3\text{He}$ and neutron generalized parton distributions. EPJ Web of Conferences, 2014, 73, 06009.	0.3	0
54	Double parton correlations in Light-Front constituent quark models. EPJ Web of Conferences, 2015, 90, 02002.	0.3	0

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55	Threeâ€“Dimensional parton structure of light nuclei. Journal of Physics: Conference Series, 2018, 981, 012013.	0.4	0
56	Nucleon Structure Functions in a Constituent Quark Scenario. Few-Body Systems, 1999, , 411-414.	0.2	0
57	Nucleon Structure Functions in a Constituent Quark Scenario. Few-Body Systems, 1999, , 355-358.	0.2	0
58	Title is missing!. , 2017, , .		0
59	Title is missing!. , 2017, , .		0
60	Deeply virtual Compton Scattering off 4He. Journal of Physics: Conference Series, 2020, 1643, 012196.	0.4	0