

# Simonetta Liuti

## List of Publications by Year in descending order

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41  
papers

972  
citations

516710

16  
h-index

414414

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g-index

42  
all docs

42  
docs citations

42  
times ranked

637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of deeply virtual Compton scattering off the unpolarized proton. Physical Review D, 2022, 105, .	4.7	5
2	Parametrization of quark and gluon generalized parton distributions in a dynamical framework. Physical Review D, 2022, 105, .	4.7	16
3	Novel Rosenbluth extraction framework for Compton form factors from deeply virtual exclusive experiments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137051.	4.1	5
4	Deep learning analysis of deeply virtual exclusive photoproduction. Physical Review D, 2021, 104, .	4.7	9
5	Parton distributions and lattice-QCD calculations: Toward 3D structure. Progress in Particle and Nuclear Physics, 2021, 121, 103908.	14.4	86
6	Extraction of generalized parton distribution observables from deeply virtual electron proton scattering experiments. Physical Review D, 2020, 101, .	4.7	21
7	Quark-Gluon-Quark Contributions to Twist Three GPDs. , 2020, , .		0
8	Parton distributions and lattice QCD calculations: A community white paper. Progress in Particle and Nuclear Physics, 2018, 100, 107-160.	14.4	186
9	Lorentz invariance and QCD equation of motion relations for generalized parton distributions and the dynamical origin of proton orbital angular momentum. Physical Review D, 2018, 98, .	4.7	10
10	Pre-Town Meeting on spin physics at an Electron-Ion Collider. European Physical Journal A, 2017, 53, 1.	2.5	11
11	Probing Spin Dependent Quark and Gluon Distributions Through Azimuthal and Polarization Asymmetries. EPJ Web of Conferences, 2016, 112, 01009.	0.3	0
12	Parton transverse momentum and orbital angular momentum distributions. Physical Review D, 2016, 94, .	4.7	26
13	GPD phenomenology and DVCS fitting. European Physical Journal A, 2016, 52, 1.	2.5	126
14	Flexible parametrization of generalized parton distributions: The chiral-odd sector. Physical Review D, 2015, 91, .	4.7	35
15	Beyond-Standard-Model Tensor Interaction and Hadron Phenomenology. Physical Review Letters, 2015, 115, 162001.	7.8	57
16	Chiral Odd GPDs. EPJ Web of Conferences, 2015, 85, 02010.	0.3	0
17	Angular Momentum and Polarization in Hadron Collisions up to LHC Energies. International Journal of Modern Physics Conference Series, 2015, 37, 1560038.	0.7	1
18	Observables for Quarks and Gluons Orbital Angular Momentum Distributions. International Journal of Modern Physics Conference Series, 2015, 37, 1560039.	0.7	0

#	ARTICLE	IF	CITATIONS
19	Exploring nucleon structure with the self-organizing maps algorithm. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 034030.	3.6	2
20	On the observability of the quark orbital angular momentum distribution. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 141-147.	4.1	35
21	OBSERVATIONS OF CHIRAL ODD GPDs AND THEIR IMPLICATIONS. International Journal of Modern Physics Conference Series, 2014, 25, 1460035.	0.7	1
22	ANALYSIS OF $\hat{\Gamma}_{\pm}$ FROM THE REALIZATION OF QUARK-HADRON DUALITY. International Journal of Modern Physics Conference Series, 2014, 25, 1460046.	0.7	2
23	PARTONIC PICTURE OF GTMDS. International Journal of Modern Physics Conference Series, 2014, 25, 1460009.	0.7	9
24	Interpretation of the flavor dependence of nucleon form factors in a generalized parton distribution model. Physical Review C, 2013, 88, .	2.9	42
25	A flexible parameterization of GPDs, their role in DVCS, neutral meson lepton production. , 2012, , .		0
26	Angular momentum sum rule for spin-one hadronic systems. Physical Review D, 2012, 86, .	4.7	35
27	Easy as $\hat{\Gamma}_{\pm}$ : on the interpretation of recent electroproduction results. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 115001.	3.6	26
28	THE STRONG COUPLING CONSTANT FROM HADRON STRUCTURE PHENOMENOLOGY. International Journal of Modern Physics Conference Series, 2012, 20, 266-273.	0.7	1
29	GENERALIZED PARTON DISTRIBUTIONS IN THE CHIRAL ODD SECTOR AND THEIR ROLE IN NEUTRAL MESON ELECTROPRODUCTION. International Journal of Modern Physics Conference Series, 2012, 20, 222-229.	0.7	3
30	RELATIONS BETWEEN TRANSVERSE MOMENTUM DISTRIBUTIONS AND CHIRAL ODD GENERALIZED PARTON DISTRIBUTIONS. International Journal of Modern Physics Conference Series, 2012, 20, 230-237.	0.7	0
31	Flexible parametrization of generalized parton distributions from deeply virtual Compton scattering observables. Physical Review D, 2011, 84, .	4.7	71
32	PARTONIC INTERPRETATION OF GENERALIZED PARTON DISTRIBUTIONS. International Journal of Modern Physics Conference Series, 2011, 04, 179-189.	0.7	3
33	PQCD ANALYSIS OF PARTON-HADRON DUALITY. International Journal of Modern Physics Conference Series, 2011, 04, 190-199.	0.7	3
34	Setting the scale for DIS at large Bjorken x. , 2011, , .		0
35	Exclusive Meson Electroproduction: GPDs, Regge and Dispersion Relations. , 2009, , .		0
36	Generalized parton distributions from hadronic observables: non-zero skewness. European Physical Journal C, 2009, 63, 407-421.	3.9	18

#	ARTICLE	IF	CITATIONS
37	Use of dispersion relations in hard exclusive processes and the partonic interpretation of deeply virtual Compton scattering. Physical Review D, 2009, 80, .	4.7	9
38	Nucleon tensor charge from exclusive $\gamma^* \rightarrow \pi^0$ electroproduction. Physical Review D, 2009, 79, .	4.7	74
39	Generalized parton distributions from hadronic observables: Zero skewness. Physical Review D, 2007, 75, .	4.7	38
40	Nuclear shadowing and the EMC effect. Nuclear Physics A, 1991, 527, 571-574.	1.5	1
41	Can nuclear binding explain the classical EMC effect?. Nuclear Physics A, 1991, 532, 241-248.	1.5	5