

Simonetta Liuti

List of Publications by Year in descending order

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papers

972
citations

516710

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414414

32
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42
all docs

42
docs citations

42
times ranked

637
citing authors

#	ARTICLE	IF	CITATIONS
1	Parton distributions and lattice QCD calculations: A community white paper. Progress in Particle and Nuclear Physics, 2018, 100, 107-160.	14.4	186
2	GPD phenomenology and DVCS fitting. European Physical Journal A, 2016, 52, 1.	2.5	126
3	Parton distributions and lattice-QCD calculations: Toward 3D structure. Progress in Particle and Nuclear Physics, 2021, 121, 103908.	14.4	86
4	Nucleon tensor charge from exclusive $\gamma^* p \rightarrow \gamma p$ electroproduction. Physical Review D, 2009, 79, .		74
5	Flexible parametrization of generalized parton distributions from deeply virtual Compton scattering observables. Physical Review D, 2011, 84, .	4.7	71
6	Beyond-Standard-Model Tensor Interaction and Hadron Phenomenology. Physical Review Letters, 2015, 115, 162001.	7.8	57
7	Interpretation of the flavor dependence of nucleon form factors in a generalized parton distribution model. Physical Review C, 2013, 88, .	2.9	42
8	Generalized parton distributions from hadronic observables: Zero skewness. Physical Review D, 2007, 75, .	4.7	38
9	Angular momentum sum rule for spin-one hadronic systems. Physical Review D, 2012, 86, .	4.7	35
10	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
11	Flexible parametrization of generalized parton distributions: The chiral-odd sector. Physical Review D, 2015, 91, .	4.7	35
12	Easy as π^0 : on the interpretation of recent electroproduction results. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 115001.	3.6	26
13	Parton transverse momentum and orbital angular momentum distributions. Physical Review D, 2016, 94, .	4.7	26
14	Extraction of generalized parton distribution observables from deeply virtual electron proton scattering experiments. Physical Review D, 2020, 101, .	4.7	21
15	Generalized parton distributions from hadronic observables: non-zero skewness. European Physical Journal C, 2009, 63, 407-421.	3.9	18
16	Parametrization of quark and gluon generalized parton distributions in a dynamical framework. Physical Review D, 2022, 105, .	4.7	16
17	Pre-Town Meeting on spin physics at an Electron-Ion Collider. European Physical Journal A, 2017, 53, 1.	2.5	11
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	PARTONIC PICTURE OF GTMDS. International Journal of Modern Physics Conference Series, 2014, 25, 1460009.	0.7	9
21	Deep learning analysis of deeply virtual exclusive photoproduction. Physical Review D, 2021, 104, .	4.7	9
22	Can nuclear binding explain the classical EMC effect?. Nuclear Physics A, 1991, 532, 241-248.	1.5	5
23	Theory of deeply virtual Compton scattering off the unpolarized proton. Physical Review D, 2022, 105, .	4.7	5
24	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
25	PARTONIC INTERPRETATION OF GENERALIZED PARTON DISTRIBUTIONS. International Journal of Modern Physics Conference Series, 2011, 04, 179-189.	0.7	3
26	PQCD ANALYSIS OF PARTON-HADRON DUALITY. International Journal of Modern Physics Conference Series, 2011, 04, 190-199.	0.7	3
27	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
28	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
29	Exploring nucleon structure with the self-organizing maps algorithm. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 034030.	3.6	2
30	Nuclear shadowing and the EMC effect. Nuclear Physics A, 1991, 527, 571-574.	1.5	1
31	THE STRONG COUPLING CONSTANT FROM HADRON STRUCTURE PHENOMENOLOGY. International Journal of Modern Physics Conference Series, 2012, 20, 266-273.	0.7	1
32	OBSERVATIONS OF CHIRAL ODD GPDs AND THEIR IMPLICATIONS. International Journal of Modern Physics Conference Series, 2014, 25, 1460035.	0.7	1
33	Angular Momentum and Polarization in Hadron Collisions up to LHC Energies. International Journal of Modern Physics Conference Series, 2015, 37, 1560038.	0.7	1
34	Exclusive Meson Electroproduction: GPDs, Regge and Dispersion Relations. , 2009, , .		0
35	Setting the scale for DIS at large Bjorken x . , 2011, , .		0
36	A flexible parameterization of GPDs, their role in DVCS, neutral meson leptonproduction. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
37	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
38	Chiral Odd GPDs. EPJ Web of Conferences, 2015, 85, 02010.	0.3	0
39	Observables for Quarks and Gluons Orbital Angular Momentum Distributions. International Journal of Modern Physics Conference Series, 2015, 37, 1560039.	0.7	0
40	Probing Spin Dependent Quark and Gluon Distributions Through Azimuthal and Polarization Asymmetries. EPJ Web of Conferences, 2016, 112, 01009.	0.3	0
41	Quark-Gluon-Quark Contributions to Twist Three GPDs. , 2020, , .		0