

Jacques Soffer

List of Publications by Year in descending order

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papers

964
citations

623734

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526287

27
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33
all docs

33
docs citations

33
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	Positivity Constraints for Spin-Dependent Parton Distributions. Physical Review Letters, 1995, 74, 1292-1294.	7.8	242
2	Prospects for Spin Physics at RHIC. Annual Review of Nuclear and Particle Science, 2000, 50, 525-575.	10.2	236
3	Parton distributions and parity-violating asymmetries in W^{\pm} and Z production at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 314, 132-138.	4.1	70
4	Parton distributions from W^{\pm} and Z production in polarized pp and pn collisions at RHIC. Nuclear Physics B, 1994, 423, 329-348.	2.5	60
5	Spin observables and spin structure functions: Inequalities and dynamics. Physics Reports, 2009, 470, 1-92.	25.6	52
6	New developments in the statistical approach of parton distributions: Tests and predictions up to LHC energies. Nuclear Physics A, 2015, 941, 307-334.	1.5	46
7	Strangeness asymmetry of the nucleon in the statistical parton model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 648, 39-45.	4.1	34
8	Semi-inclusive DIS cross sections and spin asymmetries in the quantum statistical parton distributions approach. Physical Review D, 2011, 83, .	4.7	28
9	RECENT TESTS FOR THE STATISTICAL PARTON DISTRIBUTIONS. Modern Physics Letters A, 2003, 18, 771-778.	1.2	26
10	Transverse single spin asymmetries in photon production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 612, 258-262.	4.1	24
11	THE TRANSVERSE MOMENTUM DEPENDENT STATISTICAL PARTON DISTRIBUTIONS REVISITED. International Journal of Modern Physics A, 2013, 28, 1350026.	1.5	18
12	The Drell-Yan process as a testing ground for parton distributions up to LHC. Nuclear Physics A, 2016, 948, 63-77.	1.5	18
13	Determination of the forward slope in pp and p elastic scattering up to LHC energy. European Physical Journal C, 2011, 71, 1.	3.9	17
14	High-energy asymptotic behavior of the Bourrely-Soffer-Wu model for elastic scattering. Physical Review D, 2012, 85, .	4.7	17
15	Statistical description of the proton spin with a large gluon helicity distribution. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 168-171.	4.1	11
16	Statistical approach of pion parton distributions from Drell-Yan process. Nuclear Physics A, 2019, 981, 118-129.	1.5	11
17	Transverse single-spin asymmetries in gauge boson production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 563, 179-182.	4.1	8
18	General positivity bounds for spin observables in single particle inclusive production. Physical Review D, 2011, 83, .	4.7	7

#	ARTICLE	IF	CITATIONS
19	Positivity Constraints on Initial Spin Observables in Inclusive Reactions. Physical Review Letters, 2003, 91, 092005.	7.8	5
20	Positivity bounds for Sivers functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 275-278.	4.1	5
21	Do we understand near-forward elastic scattering up to TeV energies?. International Journal of Modern Physics A, 2015, 30, 1542006.	1.5	5
22	HOW IS TRANSVERSITY RELATED TO HELICITY FOR QUARKS AND ANTIQUARKS INSIDE THE PROTON?. Modern Physics Letters A, 2009, 24, 1889-1896.	1.2	4
23	Elastic scattering and soft diffraction with ALFA. , 2009, , .		2
24	Recent progress in the statistical approach of parton distributions. , 2011, , .		1
25	Statistical approach of parton distributions: a closer look at the high-x-region. AIP Conference Proceedings, 2011, , .	0.4	1
26	New Results in the Quantum Statistical Approach to Parton Distributions. International Journal of Modern Physics Conference Series, 2015, 37, 1560052.	0.7	1
27	The landscape of W^{\pm} and Z bosons produced in pp collisions up to LHC energies. Nuclear Physics A, 2017, 966, 113-123.	1.5	1
28	On the flavor structure of the light-quark sea distributions. Nuclear Physics A, 2019, 991, 121607.	1.5	1
29	Impact picture for near-forward elastic scattering up to LHC energies. AIP Conference Proceedings, 2015, , .	0.4	0
30	How large is the gluon polarization in the statistical parton distributions approach?. AIP Conference Proceedings, 2015, , .	0.4	0
31	New advances in the statistical parton distributions approach*. EPJ Web of Conferences, 2016, 112, 03007.	0.3	0
32	New statistical PDFs: Predictions and tests up to LHC energies. AIP Conference Proceedings, 2017, , .	0.4	0