

Jacques Soffer

List of Publications by Year in descending order

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32
papers

964
citations

623188

14
h-index

525886

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. <i>Physical Review Letters</i> , 1995, 74, 1292-1294.	2.9	242
2	Prospects for Spin Physics at RHIC. <i>Annual Review of Nuclear and Particle Science</i> , 2000, 50, 525-575.	3.5	236
3	Parton distributions and parity-violating asymmetries in W^{\pm} and Z production at RHIC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 314, 132-138.	1.5	70
4	Parton distributions from W^{\pm} and Z production in polarized pp and pn collisions at RHIC. <i>Nuclear Physics B</i> , 1994, 423, 329-348.	0.9	60
5	Spin observables and spin structure functions: Inequalities and dynamics. <i>Physics Reports</i> , 2009, 470, 1-92.	10.3	52
6	New developments in the statistical approach of parton distributions: Tests and predictions up to LHC energies. <i>Nuclear Physics A</i> , 2015, 941, 307-334.	0.6	46
7	Strangeness asymmetry of the nucleon in the statistical parton model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 648, 39-45.	1.5	34
8	Semi-inclusive DIS cross sections and spin asymmetries in the quantum statistical parton distributions approach. <i>Physical Review D</i> , 2011, 83, .	1.6	28
9	RECENT TESTS FOR THE STATISTICAL PARTON DISTRIBUTIONS. <i>Modern Physics Letters A</i> , 2003, 18, 771-778.	0.5	26
10	Transverse single spin asymmetries in photon production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 612, 258-262.	1.5	24
11	THE TRANSVERSE MOMENTUM DEPENDENT STATISTICAL PARTON DISTRIBUTIONS REVISITED. <i>International Journal of Modern Physics A</i> , 2013, 28, 1350026.	0.5	18
12	The Drell-Yan process as a testing ground for parton distributions up to LHC. <i>Nuclear Physics A</i> , 2016, 948, 63-77.	0.6	18
13	Determination of the forward slope in pp and p elastic scattering up to LHC energy. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	17
14	High-energy asymptotic behavior of the Bourrely-Soffer-Wu model for elastic scattering. <i>Physical Review D</i> , 2012, 85, .	1.6	17
15	Statistical description of the proton spin with a large gluon helicity distribution. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 740, 168-171.	1.5	11
16	Statistical approach of pion parton distributions from Drell-Yan process. <i>Nuclear Physics A</i> , 2019, 981, 118-129.	0.6	11
17	Transverse single-spin asymmetries in gauge boson production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 563, 179-182.	1.5	8
18	General positivity bounds for spin observables in single particle inclusive production. <i>Physical Review D</i> , 2011, 83, .	1.6	7

#	ARTICLE	IF	CITATIONS
19	Positivity Constraints on Initial Spin Observables in Inclusive Reactions. Physical Review Letters, 2003, 91, 092005.	2.9	5
20	Positivity bounds for Sivers functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 275-278.	1.5	5
21	Do we understand near-forward elastic scattering up to TeV energies?. International Journal of Modern Physics A, 2015, 30, 1542006.	0.5	5
22	HOW IS TRANSVERSITY RELATED TO HELICITY FOR QUARKS AND ANTIQUARKS INSIDE THE PROTON?. Modern Physics Letters A, 2009, 24, 1889-1896.	0.5	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, , .	0.3	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.	0.6	1
28	On the flavor structure of the light-quark sea distributions. Nuclear Physics A, 2019, 991, 121607.	0.6	1
29	Impact picture for near-forward elastic scattering up to LHC energies. AIP Conference Proceedings, 2015, , .	0.3	0
30	How large is the gluon polarization in the statistical parton distributions approach?. AIP Conference Proceedings, 2015, , .	0.3	0
31	New advances in the statistical parton distributions approach*. EPJ Web of Conferences, 2016, 112, 03007.	0.1	0
32	New statistical PDFs: Predictions and tests up to LHC energies. AIP Conference Proceedings, 2017, , .	0.3	0