

Ali N Khorramian

List of Publications by Year in descending order

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all docs

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity of strange quark polarization to flavor SU(3) symmetry breaking. Physical Review D, 2021, 103, .	1.6	4
2	Parton distribution functions and constraints on the intrinsic charm content of the proton using the Brodsky-Hoyer-Peterson-Saka approach. Physical Review D, 2019, 99, .	1.6	5
3	QCD analysis of structure functions in deep inelastic neutrino-nucleon scattering without using the orthogonal polynomials approach. Physical Review C, 2019, 99, .	1.1	4
4	The impact of the LHCb B_{\pm}^{\pm} production cross-section on parton distribution functions and determining the mass of heavy quarks. Nuclear Physics A, 2018, 979, 215-236.	0.6	3
5	Impact of recent COMPASS data on polarized parton distributions and structure functions. Physical Review D, 2018, 98, .	1.6	7
6	Impact of the top quark cross-section data on parton distribution functions. International Journal of Modern Physics A, 2018, 33, 1850142.	0.5	4
7	Global analysis of \bar{c}^{\pm} and K^{\pm} fragmentation functions and their application to top quark decays considering new BABAR and Belle experimental data. Canadian Journal of Physics, 2017, 95, 1-8.	0.4	4
8	Impact of intrinsic charm on PDFs with EMC and LHC data. Nuclear and Particle Physics Proceedings, 2017, 282-284, 27-31.	0.2	4
9	Next-to-leading order QCD analysis of parton distribution functions with LHC data. Nuclear and Particle Physics Proceedings, 2017, 282-284, 32-36.	0.2	6
10	The role of different schemes in the QCD analysis and determination of the strong coupling. Nuclear Physics B, 2017, 921, 472-486.	0.9	12
11	The impact of CMS inclusive jet data on parton distribution functions and their uncertainties. International Journal of Modern Physics A, 2017, 32, 1750134.	0.5	0
12	Trace of nonperturbative charm content of the nucleon on Z + c-jet production. International Journal of Modern Physics A, 2017, 32, 1750095.	0.5	0
13	Impact of charm H1-ZEUS combined data and determination of the strong coupling in two different schemes. Chinese Physics C, 2017, 41, 113104.	1.5	1
14	The impact of the intrinsic charm quark content of a proton on the differential $\gamma + c$ cross section. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 055001.	1.4	15
15	Target mass corrections and higher twist effects in polarized deep-inelastic scattering. Physical Review D, 2014, 89, .	1.6	10
16	Publisher's Note: Target mass corrections and higher twist effects in polarized deep-inelastic scattering [Phys. Rev. D89, 074052 (2014)]. Physical Review D, 2014, 89, .	1.6	6
17	QCD analysis of fragmentation functions considering double spin asymmetry of SIDIS processes. Physics of Particles and Nuclei, 2014, 45, 46-48.	0.2	1
18	The impact of target mass correction on polarized parton distribution functions. Physics of Particles and Nuclei, 2014, 45, 54-56.	0.2	0

#	ARTICLE	IF	CITATIONS
19	QCD analysis of polarized DIS and the SIDIS asymmetry world data and light sea-quark decomposition. Physical Review D, 2014, 89, .	1.6	25
20	Symmetry breaking effect on determination of polarized and unpolarized parton distributions. Nuclear Physics, Section B, Proceedings Supplements, 2013, 234, 66-69.	0.5	1
21	New parton distributions in a fixed flavour factorization scheme from recent deep-inelastic-scattering data. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045002.	1.4	19
22	A global analysis of diffractive events at HERA. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 085009.	1.4	8
23	Pion fragmentation functions from $e+e\rightarrow\gamma^*p$ production. Journal of Physics: Conference Series, 2012, 347, 012017.	0.3	3
24	The study of heavy contribution in diffractive parton distribution functions. Journal of Physics: Conference Series, 2012, 347, 012018.	0.3	0
25	Parton Distribution Functions from QCD Analysis of HERA Combined Inclusive $e\hat{A}\pm p$ Scattering Cross Section Data. Few-Body Systems, 2012, 52, 279-284.	0.7	4
26	DETERMINATION OF THE STRONG COUPLING CONSTANT FROM NLO QCD ANALYSIS OF PROTON STRUCTURE FUNCTION. International Journal of Modern Physics A, 2011, 26, 658-659.	0.5	3
27	Polarized deeply inelastic scattering (DIS) structure functions for nucleons and nuclei. Physical Review D, 2011, 83, .	1.6	31
28	SPIN-DEPENDENT STRUCTURE FUNCTION OF ^3He and ^3H . International Journal of Modern Physics A, 2011, 26, 625-626.	0.5	5
29	NON-SINGLET PART OF THE LONGITUDINAL STRUCTURE FUNCTION FL UP TO $\mathcal{O}(\alpha_s^3)$. International Journal of Modern Physics A, 2011, 26, 686-687.	0.5	3
30	QCD COUPLING CONSTANT FROM DIFFRACTIVE DEEP INELASTIC SCATTERING. International Journal of Modern Physics A, 2011, 26, 692-693.	0.5	2
31	Nonsinglet spin-dependent structure functions. Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 65-68.	0.5	5
32	Jacobi polynomials and non-singlet structure function $F_2(x, Q^2)$ up to N ³ LO. Chinese Physics C, 2010, 34, 1479-1481.	1.5	0
33	Determination of the strong coupling constant using available experimental data. Chinese Physics C, 2010, 34, 1485-1487.	1.5	2
34	Nonsinglet parton distribution functions from the precise next-to-next-to-next-to leading order QCD fit. Physical Review D, 2010, 81, .	1.6	30
35	HEAVY QUARK CONTRIBUTIONS TO THE PROTON STRUCTURE FUNCTION. , 2010, , .		0
36	3-Loops QCD analysis for non-singlet sector of. Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 58-61.	0.5	8

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37	Parton distribution functions up to NNLO. <i>Hyperfine Interactions</i> , 2009, 194, 331-335.	0.2	3
38	x_F^3 structure function based on the associated Jacobi polynomials. <i>Hyperfine Interactions</i> , 2009, 194, 337-340.	0.2	3
39	F L structure function and heavy quark contributions. <i>Hyperfine Interactions</i> , 2009, 194, 341-345.	0.2	9
40	Longitudinal heavy quark structure function. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 186, 379-382.	0.5	2
41	Renormalization group improvement and constituent quark model. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 186, 137-140.	0.5	1
42	F L structure function and heavy quark contributions. , 2009, , 689-693.		0
43	Parton distribution functions up to NNLO. , 2009, , 679-683.		0
44	x_F^3 structure function based on the associated Jacobi polynomials. , 2009, , 685-688.		0
45	Polarized nucleon structure function up to NLO. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
46	Strong coupling constant and flavor thresholds in QCD. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	2
47	Non-singlet sector of proton and deuteron structure functions. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	10
48	Next-to-next-to-leading order QCD contributions to the flavor nonsinglet sector of $F_2(x, Q^2)$. <i>Physical Review D</i> , 2008, 78, .	1.6	29
49	The NNLO non-singlet QCD analysis of parton distributions based on Bernstein polynomials. <i>Journal of High Energy Physics</i> , 2007, 2007, 051-051.	1.6	12
50	The Jacobi polynomials QCD analysis for the polarized structure function. <i>Journal of High Energy Physics</i> , 2007, 2007, 048-048.	1.6	35
51	The Jacobi polynomials QCD analysis for proton spin structure. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	9
52	The flavor symmetry breaking of nucleon sea in the valon model. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	0
53	EMC effect and nuclear structure functions. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2007, 164, 30-33.	0.5	5
54	The Role of Logarithmic Expansions for Nonsinglet QCD Analysis of. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2007, 174, 27-30.	0.5	4

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55	QCD analysis of flavor-asymmetry for polarized sea quark distributions. Nuclear Physics, Section B, Proceedings Supplements, 2007, 164, 38-41.	0.5	9
56	Non-singlet structure function in the NNLO approximation. Nuclear Physics, Section B, Proceedings Supplements, 2007, 164, 34-37.	0.5	4
57	Polarized constituent quarks in NLO approximation. Nuclear Physics, Section B, Proceedings Supplements, 2006, 152, 83-86.	0.5	3
58	THE ROLE OF POLARIZED VALONS IN THE FLAVOR SYMMETRY BREAKING OF NUCLEON SEA. International Journal of Modern Physics A, 2006, 21, 4599-4615.	0.5	17
59	Renormalization group analysis in cross section of b-quark production. AIP Conference Proceedings, 2005, , .	0.3	0
60	QCD Predictions for Spin Dependence of Parton Distributions. Communications in Theoretical Physics, 2005, 43, 1087-1098.	1.1	8
61	QUARK DISTRIBUTIONS AND NUCLEON SPIN STRUCTURE. International Journal of Modern Physics A, 2005, 20, 1923-1926.	0.5	6
62	DETERMINATION OF QCD RUNNING COUPLING CONSTANT IN NNLO APPROXIMATION, USING COMPLETE RG IMPROVEMENT. International Journal of Modern Physics A, 2005, 20, 1955-1958.	0.5	0
63	NUCLEAR PARTON DENSITIES AND STRUCTURE FUNCTIONS. International Journal of Modern Physics A, 2005, 20, 1927-1930.	0.5	6
64	Next-to-Leading order approximation of polarized valon and parton distributions. Journal of High Energy Physics, 2004, 2004, 062-062.	1.6	24
65	Renormalization and factorization scales and scheme dependence for some QCD observables. AIP Conference Proceedings, 2004, , .	0.3	0
66	QCD analysis of polarized structure functions in next-to-leading-order, using improved valon model. AIP Conference Proceedings, 2004, , .	0.3	1
67	Next-to-leading-order constituent quark structure and hadronic structure functions. Physical Review C, 2003, 67, .	1.1	23
68	Sub-structures in hadrons and proton structure functions. Nuclear Physics, Section B, Proceedings Supplements, 2001, 99, 164-167.	0.5	2
69	Nucleon structure functions from constituent quark. Nuclear Physics, Section B, Proceedings Supplements, 1999, 79, 247-249.	0.5	1