

Yuji Koike

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6416729/publications.pdf>

Version: 2024-02-01

43
papers

1,309
citations

361413

20
h-index

454955

30
g-index

43
all docs

43
docs citations

43
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	Transverse polarization of hyperons produced in semi-inclusive deep inelastic scattering. Physical Review D, 2022, 105, .	4.7	3
2	Twist-3 gluon fragmentation contribution to hyperon polarization in semi-inclusive deep inelastic scattering. Physical Review D, 2022, 105, .	4.7	2
3	Twist-3 gluon fragmentation contribution to polarized hyperon production in unpolarized proton-proton collision. Physical Review D, 2021, 104, .	4.7	8
4	Exact relations for twist-3 gluon distribution and fragmentation functions from operator identities. Physical Review D, 2020, 101, .	4.7	13
5	Twist-3 fragmentation contribution to polarized hyperon production in unpolarized proton-proton collision. , 2019, , .		2
6	Twist-3 Gluon Fragmentation Contribution to the Polarized Hyperon Production in Unpolarized Proton-Proton Collision. , 2019, , .		2
7	Twist-3 fragmentation contribution to polarized hyperon production in unpolarized hadronic collisions. Physical Review D, 2017, 95, .	4.7	18
8	Twist-3 effect from the longitudinally polarized proton for A in hadron production from pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 75-81.	4.1	8
9	Operator constraints for twist-3 functions and Lorentz invariance properties of twist-3 observables. Physical Review D, 2016, 93, .	4.7	53
10	Hyperon polarization from the twist-3 distribution in unpolarized proton-proton collision. Physical Review D, 2015, 92, .	4.7	13
11	Transverse Single-Spin Asymmetries in Proton-Proton Collisions Within Collinear Factorization. International Journal of Modern Physics Conference Series, 2015, 37, 1560033.	0.7	0
12	New Collinear Twist-3 Analysis of Transverse SSA: Toward a Solution for the Sign-Mismatch Problem. Few-Body Systems, 2015, 56, 343-348.	1.5	0
13	Towards an explanation of transverse single-spin asymmetries in proton-proton collisions: The role of fragmentation in collinear factorization. Physical Review D, 2014, 89, .	4.7	103
14	Three-gluon contribution to the single spin asymmetry for light hadron production in p - p collision. Physical Review D, 2014, 89, .	4.7	34
15	Contribution of the twist-3 fragmentation function to the single transverse-spin asymmetry in semi-inclusive deep inelastic scattering. Physical Review D, 2013, 88, .	4.7	54
16	Quark Cluster Model and Confinement. Progress of Theoretical Physics Supplement, 2013, 137, 21-42.	0.1	0
17	Q ² -Evolution of Nucleon's Chiral-Odd Twist-3 Spin-Structure Function: $h_L(x, Q^2)$. Progress of Theoretical Physics Supplement, 2013, 120, 247-255.	0.1	0
18	Three-gluon contribution to the single spin asymmetry in Drell-Yan and direct-photon processes. Physical Review D, 2012, 85, .	4.7	27

#	ARTICLE	IF	CITATIONS
19	Single transverse-spin asymmetry in large $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ open charm production at an electron-ion collider. <i>Physical Review D</i> , 2012, 85, .	4.7	6
20	Probing the three-gluon correlation functions by the single spin asymmetry in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\alpha}^{\dagger} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\alpha}^{\dagger} \langle \text{mml:math} \rangle$ Physical Review D, 2011, 84, .	4.7	41
21	Master formula for the three-gluon contribution to single spin asymmetry in semi-inclusive deep inelastic scattering. <i>Physical Review D</i> , 2011, 83, .	4.7	24
22	Hard- and soft-fermion-pole contributions to single transverse-spin asymmetry for Drell-Yan process. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 701, 576-580.	4.1	14
23	A phenomenological study of single transverse-spin asymmetry for inclusive light-hadron productions at RHIC. <i>Physical Review D</i> , 2011, 83, .	4.7	44
24	Two-parton light-cone distribution amplitudes of tensor mesons. <i>Physical Review D</i> , 2010, 82, .	4.7	51
25	New analysis of the single transverse-spin asymmetry for hadron production at RHIC. <i>Physical Review D</i> , 2010, 82, .	4.7	51
26	Contribution of twist-3 multigluon correlation functions to single spin asymmetry in semi-inclusive deep inelastic scattering. <i>Physical Review D</i> , 2010, 82, .	4.7	63
27	Double-Spin Asymmetry A_{LT} for Polarized Drell-Yan Process in pp , Collisions: Wandzura-Wilczek Contribution. , 2009, , .		2
28	Soft-Fermion-Pole Mechanism to Single Spin Asymmetry in Hadronic Pion Production. , 2009, , .		0
29	Soft-fermion-pole contribution to single-spin asymmetry for pion production in pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 675, 181-189.	4.1	71
30	Single Transverse Spin Asymmetry for Semi-Inclusive Deep Inelastic Scattering. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
31	A New Approach for Single Transverse-Spin Asymmetries from Twist-3 Soft-Gluon Mechanism. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
32	Twist-3 formalism for single transverse spin asymmetry reexamined: Semi-inclusive deep inelastic scattering. <i>Nuclear Physics B</i> , 2007, 763, 198-227.	2.5	132
33	Universal structure of twist-3 soft-gluon-pole cross sections for single transverse-spin asymmetry. <i>Physical Review D</i> , 2007, 76, .	4.7	65
34	QT-RESUMMATION FOR POLARIZED SEMI-INCLUSIVE DEEP INELASTIC SCATTERING. , 2007, , .		0
35	Single transverse spin asymmetry for large- pion production in semi-inclusive deep inelastic scattering. <i>Nuclear Physics B</i> , 2006, 752, 1-17.	2.5	99
36	SINGLE-SPIN ASYMMETRIES AND SOFT-GLUON POLES. , 2002, , .		0

#	ARTICLE	IF	CITATIONS
37	Hyperon polarization in inclusive hadronic production. AIP Conference Proceedings, 2001, , .	0.4	1
38	Polarization in hadronic hyperon production and chiral-odd twist-3 distribution. Physical Review D, 2001, 64, .	4.7	50
39	Chiral-odd contribution to single-transverse spin asymmetry in hadronic pion production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 121-126.	4.1	127
40	Estimate of a chiral-odd contribution to single transverse-spin asymmetry in hadronic pion production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 490, 99-105.	4.1	60
41	Q^2 evolution of chiral-odd twist-3 distribution $e(x, Q^2)$. Physical Review D, 1997, 55, 3068-3076.	4.7	30
42	QCD Studies on the Nucleon's Chiral-Odd Twist-3 Spin-Structure Functions: $h_1(x, Q^2)$ and $h_L(x, Q^2)$. , 1996, , .		0
43	Q^2 evolution of the nucleon's chiral-odd twist-three structure function: $h_L(x, Q^2)$. Physical Review D, 1995, 51, 6125-6138.	4.7	38