

Seung-il Nam

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Gluon and valence quark distributions for the pion and kaon in nuclear matter. Physical Review D, 2022, 105, .	4.7	1
2	QCD chiral condensate and pseudoscalar-meson properties in the nuclear medium at finite temperature. Modern Physics Letters A, 2022, 37, . Studies on the $\langle \bar{\psi}\psi \rangle$ and $\langle \bar{\psi}\gamma_5\psi \rangle$ in the nuclear medium at finite temperature. Physical Review D, 2022, 105, .	1.2	2
3	bound-state via $\langle \bar{\psi}\psi \rangle$ and $\langle \bar{\psi}\gamma_5\psi \rangle$ in the nuclear medium at finite temperature. Physical Review D, 2022, 105, . $\langle \bar{\psi}\psi \rangle = \langle \bar{\psi}\psi \rangle + \langle \bar{\psi}\psi \rangle$	4.7	0
4	Double-strangeness production in $\hat{p}p \rightarrow K^+K^+X$ reaction. Physical Review D, 2021, 103, .	4.7	3
5	Unpolarized dihadron fragmentation functions in nonlocal chiral quark model. Chinese Journal of Physics, 2021, 71, 248-259.	3.9	0
6	Photoproduction of \hat{p}^* and $\hat{\Sigma}^*$ resonances with $JP=1/2^+$ off the proton. Physical Review D, 2021, 103, .	4.7	4
7	Dynamical model of \hat{p}^* meson photoproduction on the nucleon and $\hat{\Sigma}^*$ meson photoproduction on the nucleon. Physical Review C, 2021, 104, . $\langle \bar{\psi}\psi \rangle = \langle \bar{\psi}\psi \rangle + \langle \bar{\psi}\psi \rangle$	2.9	5
8	Investigation of electroproduction of \hat{p}^* mesons off protons. Physical Review C, 2020, 101, .	2.9	4
9	Use of the canonical approach in effective models of QCD. Physical Review D, 2020, 102, .	4.7	6
10	Photoproduction and electroproduction of \hat{p}^* meson via \hat{p}^* meson photoproduction on the nucleon and $\hat{\Sigma}^*$ meson photoproduction on the nucleon. Physical Review C, 2019, 100, . $\langle \bar{\psi}\psi \rangle = \langle \bar{\psi}\psi \rangle + \langle \bar{\psi}\psi \rangle$	2.9	6
11	Photoproduction and electroproduction of \hat{p}^* meson via \hat{p}^* meson photoproduction on the nucleon and $\hat{\Sigma}^*$ meson photoproduction on the nucleon. Physical Review C, 2019, 100, . $\langle \bar{\psi}\psi \rangle = \langle \bar{\psi}\psi \rangle + \langle \bar{\psi}\psi \rangle$	2.9	4
12	Pomeron, nucleon-resonance, and \hat{p}^* -meson contributions in \hat{p}^* -meson photoproduction. Physical Review C, 2019, 100, . $\langle \bar{\psi}\psi \rangle = \langle \bar{\psi}\psi \rangle + \langle \bar{\psi}\psi \rangle$	2.9	7
13	$\hat{\Sigma}^*(1690)$ Resonance Production via $\langle \bar{\psi}\psi \rangle$ and $\langle \bar{\psi}\gamma_5\psi \rangle$. Physical Review D, 2019, .		0
14	$\hat{\Sigma}^*(1690)$ production in the $K^+p \rightarrow K^+K^+\hat{p}^*$ reaction process near threshold. Physical Review D, 2018, 98, .	4.7	2
15	QCD topological susceptibility from the nonlocal chiral quark model. Journal of the Korean Physical Society, 2017, 70, 1027-1036.	0.7	0
16	Photo- and electroproduction of \hat{p}^* meson via \hat{p}^* meson photoproduction on the nucleon and $\hat{\Sigma}^*$ meson photoproduction on the nucleon. Physical Review C, 2017, 96, . $\langle \bar{\psi}\psi \rangle = \langle \bar{\psi}\psi \rangle + \langle \bar{\psi}\psi \rangle$	4.7	6
17	Photoproduction of $\hat{p}^*(1405)$ with the N^* and the t -channel Regge contributions. Physical Review D, 2017, 96, .	4.7	17
18	Quasi-distribution amplitudes for pion and kaon via the nonlocal chiral-quark model. Modern Physics Letters A, 2017, 32, 1750218.	1.2	21

#	ARTICLE	IF	CITATIONS
19	Consistency Check of Charged Hadron Multiplicities and Fragmentation Functions in SIDIS. , 2017, , .		0
20	Consistency check of charged hadron multiplicities and fragmentation functions in SIDIS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 393-402.	4.1	4
21	$K^* \rightarrow \pi$ Transition Generalized form Factors and Transverse Quark Spin Density from the Instanton Vacuum. , 2016, , .		0
22	Weak $K^* \rightarrow \pi$ generalized form factors and transverse transition quark-spin density from the instanton vacuum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 460-467.	4.1	3
23	Study of Baryon Resonances in the Photoproduction ($\gamma p \rightarrow K^* \Sigma$)(1190). , 2014, , .		0
24	Quark-jet contribution to the fragmentation functions for the pion and kaon with the nonlocal interactions. Physical Review D, 2013, 87, .	4.7	6
25	Photoproduction of K^* meson off the proton target with the Regge contributions. Journal of the Korean Physical Society, 2013, 62, 871-880.	0.7	0
26	Extended Nonlocal Chiral-Quark Model for the Heavy-Light Quark Systems. Few-Body Systems, 2013, 54, 1033-1036.	1.5	0
27	Some New Features in the Pseudoscalar Meson and Vector Meson Photoproductions. Few-Body Systems, 2013, 54, 1145-1148.	1.5	0
28	Contribution of N^* and Λ^* Resonances in $\gamma K^* \Sigma$ (1190) Photoproduction. Few-Body Systems, 2013, 54, 1499-1502.	1.5	0
29	Unpolarized Fragmentation Function for the Pion and Kaon via the Nonlocal Chiral-Quark Model. Few-Body Systems, 2013, 54, 251-254.	1.5	1
30	QCD Chiral Restoration at Finite T Under the Magnetic Field. Few-Body Systems, 2013, 54, 225-229.	1.5	0
31	$K^* \Lambda(1116)$ Photoproduction and Nucleon Resonances. Few-Body Systems, 2013, 54, 307-310.	1.5	0
32	Electroproduction of $\Lambda(1520)$ off the nucleon target with nucleon resonances. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 115001.	3.6	7
33	Shear viscosity of quark matter at finite temperature under an external magnetic field. Physical Review D, 2013, 87, .	4.7	34
34	$K^* \Lambda$ photoproduction off the proton target with baryon resonances. Physical Review D, 2013, 88, .	4.7	16
35	Parton-distribution functions for the pion and kaon in the gauge-invariant nonlocal chiral-quark model. Physical Review D, 2012, 86, .	4.7	23
36	HEAVY PSEUDOSCALAR-MESON DECAY CONSTANTS WITH STRANGENESS FROM THE EXTENDED NONLOCAL CHIRAL-QUARK MODEL. Modern Physics Letters A, 2012, 27, 1250153.	1.2	1

#	ARTICLE	IF	CITATIONS
37	Fragmentation and quark distribution functions for the pion and kaon with explicit flavor-SU(3)-symmetry breaking. Physical Review D, 2012, 85, .	4.7	13
38	Fragmentation functions and parton distribution functions for the pion with the nonlocal interactions. Physical Review D, 2012, 85, .	4.7	10
39	Generalized form factors and spin structures of the kaon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 546-552.	4.1	8
40	Chiral restoration at finiteT under the magnetic field with the meson-loop corrections. Physical Review D, 2011, 83, .	4.7	21
41	Spin structure of the pion from the instanton vacuum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 305-312.	4.1	19
42	Contribution of higher nucleon resonances to $K^*\rho$ photoproduction. Physical Review D, 2011, 84, .	4.7	47
43	$\rho(1405, 1/2^-)$ Photoproduction from the $\rho p \rightarrow K^* K \rho(1405)$ Reaction. Journal of the Korean Physical Society, 2011, 59, 2676-2683.	0.7	8
44	PION AND KAON STRUCTURES FROM THE INSTANTON VACUUM. Modern Physics Letters A, 2009, 24, 887-890.	1.2	1
45	PION PROPERTIES AT FINITE DENSITY. Modern Physics Letters A, 2009, 24, 891-894.	1.2	0
46	Photoproduction of $\rho^+(1540, 1/2^+)$ reexamined with new theoretical information. Physical Review D, 2009, 79, .	4.7	1
47	MAGNETIC SUSCEPTIBILITY OF THE QCD VACUUM AT FINITE DENSITY. Modern Physics Letters A, 2008, 23, 2360-2363.	1.2	1
48	Electromagnetic form factors of the pion and kaon from the instanton vacuum. Physical Review D, 2008, 77, .	4.7	26
49	Kaon semileptonic decay ($Kl3$) form factors from the instanton vacuum. Physical Review D, 2007, 75, .	4.7	12
50	Test of the reaction mechanism for $\rho^3 N \pi^* K^*(1520)$ using the polarized photon. Physical Review D, 2007, 75, .	4.7	14
51	QCD condensates with flavor SU(3) symmetry breaking from the instanton vacuum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 647, 145-151.	4.1	18
52	Leading-twist pion and kaon distribution amplitudes in the gauge-invariant nonlocal chiral quark model from the instanton vacuum. Physical Review D, 2006, 74, .	4.7	33
53	Leading-twist pion and kaon distribution amplitudes from the QCD instanton vacuum. Physical Review D, 2006, 74, .	4.7	42
54	Twist-3 pion and kaon distribution amplitudes from the instanton vacuum with flavor SU(3) symmetry breaking. Physical Review D, 2006, 74, .	4.7	21

#	ARTICLE	IF	CITATIONS
55	Pentaquark $\hat{\Gamma}^+$ production via $\hat{\Gamma}^3 N \hat{\Gamma}^+ K \hat{\Gamma}^- \hat{\Gamma}^+ (3/2 \hat{\Gamma}^\pm)$. Physical Review C, 2006, 74, .	2.9	2
56	PHOTON AND NUCLEON INDUCED PRODUCTION OF $\hat{\Gamma}^{\langle \text{sup} \rangle + \langle / \text{sup} \rangle}$. , 2005, , .		0