

# Seung-il Nam

## List of Publications by Year in descending order

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242  
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| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Contribution of higher nucleon resonances to $K^*\pi$ photoproduction. Physical Review D, 2011, 84, .  | 4.7 | 47        |
| 2  | Leading-twist pion and kaon distribution amplitudes from the QCD instanton vacuum. Physical Review D, 2006, 74, .  | 4.7 | 42        |
| 3  | Shear viscosity of quark matter at finite temperature under an external magnetic field. Physical Review D, 2013, 87, .   | 4.7 | 34        |
| 4  | 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        |
| 5  | Electromagnetic form factors of the pion and kaon from the instanton vacuum. Physical Review D, 2008, 77, .  | 4.7 | 26        |
| 6  | Parton-distribution functions for the pion and kaon in the gauge-invariant nonlocal chiral-quark model. Physical Review D, 2012, 86, .   | 4.7 | 23        |
| 7  | 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        |
| 8  | Chiral restoration at finite temperature under the magnetic field with the meson-loop corrections. Physical Review D, 2011, 83, .  | 4.7 | 21        |
| 9  | Quasi-distribution amplitudes for pion and kaon via the nonlocal chiral-quark model. Modern Physics Letters A, 2017, 32, 1750218.  | 1.2 | 21        |
| 10 | 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        |
| 11 | 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        |
| 12 | Photoproduction of $\rho^*(1405)$ with the $N^*$ and the t-channel Regge contributions. Physical Review D, 2017, 96, .   | 4.7 | 17        |
| 13 | $K^*\pi$ photoproduction off the proton target with baryon resonances. Physical Review D, 2013, 88, .  | 4.7 | 16        |
| 14 | Test of the reaction mechanism for $\rho^0 \rightarrow \pi^+ \pi^- K^0(1520)$ using the polarized photon. Physical Review D, 2007, 75, .   | 4.7 | 14        |
| 15 | 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        |
| 16 | Kaon semileptonic decay ( $Kl3$ ) form factors from the instanton vacuum. Physical Review D, 2007, 75, .   | 4.7 | 12        |
| 17 | Fragmentation functions and parton distribution functions for the pion with the nonlocal interactions. Physical Review D, 2012, 85, .  | 4.7 | 10        |
| 18 | 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         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | ??(1405,1/2?) Photoproduction from the ??p A_i? K+??(1405) Reaction. Journal of the Korean Physical Society, 2011, 59, 2676-2683.   | 0.7 | 8         |
| 20 | Electroproduction of f_1(1520) off the nucleon target with nucleon resonances. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 115001.  | 3.6 | 7         |
| 21 | Pomeron, nucleon-resonance, and rho-meson contributions in rho-meson photoproduction. Physical Review C, 2019, 100, .   | 2.9 | 7         |
| 22 | Quark-jet contribution to the fragmentation functions for the pion and kaon with the nonlocal interactions. Physical Review D, 2013, 87, .  | 4.7 | 6         |
| 23 | Photo- and electroproduction of rho(770) meson. Physical Review C, 2019, 100, .   | 4.7 | 6         |
| 24 | Use of the canonical approach in effective models of QCD. Physical Review D, 2020, 102, .   | 4.7 | 6         |
| 25 | Dynamical model of rho meson photoproduction on the nucleon and rho meson photoproduction on the nucleon and rho meson photoproduction on the nucleon. Physical Review C, 2021, 104, .                                    | 2.9 | 5         |
| 26 | 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         |
| 27 | 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         |
| 28 | Investigation of electroproduction of rho mesons off protons. Physical Review C, 2020, 101, .   | 2.9 | 4         |
| 29 | Photoproduction of rho* and xi* resonances with JP=1/2^- off the proton. Physical Review D, 2021, 103, .  | 4.7 | 4         |
| 30 | Weak K^*_1 epsilon 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         |
| 31 | Double-strangeness production in rho p^+ K^+ X reaction. Physical Review D, 2021, 103, .  | 4.7 | 3         |
| 32 | Pentaquark production via N^+ K^* gamma^+ (3/2^+). Physical Review C, 2006, 74, .   | 2.9 | 2         |
| 33 | xi(1690)^- production in the K^+ p^+ K^+ xi^- reaction process near threshold. Physical Review D, 2018, 98, .   | 4.7 | 2         |
| 34 | QCD chiral condensate and pseudoscalar-meson properties in the nuclear medium at finite temperature. Modern Physics Letters A, 2022, 37, .  | 1.2 | 2         |
| 35 | MAGNETIC SUSCEPTIBILITY OF THE QCD VACUUM AT FINITE DENSITY. Modern Physics Letters A, 2008, 23, 2360-2363.   | 1.2 | 1         |
| 36 | PION AND KAON STRUCTURES FROM THE INSTANTON VACUUM. Modern Physics Letters A, 2009, 24, 887-890.  | 1.2 | 1         |

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|----|---|-----|-----------|
| 37 | Photoproduction of $\hat{\pi}^+(1540,1/2^+)$ reexamined with new theoretical information. Physical Review D, 2009, 79, .                              | 4.7 | 1         |
| 38 | HEAVY PSEUDOSCALAR-MESON DECAY CONSTANTS WITH STRANGENESS FROM THE EXTENDED NONLOCAL CHIRAL-QUARK MODEL. Modern Physics Letters A, 2012, 27, 1250153. | 1.2 | 1         |
| 39 | Unpolarized Fragmentation Function for the Pion and Kaon via the Nonlocal Chiral-Quark Model. Few-Body Systems, 2013, 54, 251-254.                    | 1.5 | 1         |
| 40 | Gluon and valence quark distributions for the pion and kaon in nuclear matter. Physical Review D, 2022, 105, .  | 4.7 | 1         |
| 41 | PION PROPERTIES AT FINITE DENSITY. Modern Physics Letters A, 2009, 24, 891-894.   | 1.2 | 0         |
| 42 | 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         |
| 43 | Extended Nonlocal Chiral-Quark Model for the Heavy "Light Quark Systems. Few-Body Systems, 2013, 54, 1033-1036.                                       | 1.5 | 0         |
| 44 | Some New Features in the Pseudoscalar Meson and Vector Meson Photoproductions. Few-Body Systems, 2013, 54, 1145-1148.                                 | 1.5 | 0         |
| 45 | Contribution of $N^*$ and $\hat{\rho}^*$ Resonances in $\{K^*\Sigma\}$ (1190) Photoproduction. Few-Body Systems, 2013, 54, 1499-1502.                 | 1.5 | 0         |
| 46 | QCD Chiral Restoration at Finite T Under the Magnetic Field. Few-Body Systems, 2013, 54, 225-229.   | 1.5 | 0         |
| 47 | $K^* \hat{p}(1116)$ Photoproduction and Nucleon Resonances. Few-Body Systems, 2013, 54, 307-310.  | 1.5 | 0         |
| 48 | QCD topological susceptibility from the nonlocal chiral quark model. Journal of the Korean Physical Society, 2017, 70, 1027-1036.                     | 0.7 | 0         |
| 49 | Photoproduction and electroproduction of $\hat{\rho}^0$ via $\hat{\rho}^0$ bound-state via $\hat{\rho}^0$ bound-state                                 | 2.9 | 0         |
| 50 | Studies on the $K^* \hat{p}(1116)$ bound-state via $\hat{\rho}^0$ bound-state   | 4.7 | 0         |
| 51 | Unpolarized dihadron fragmentation functions in nonlocal chiral quark model. Chinese Journal of Physics, 2021, 71, 248-259.                           | 3.9 | 0         |
| 52 | PHOTON AND NUCLEON INDUCED PRODUCTION OF $\hat{\rho}^+$ , 2005, , .   |     | 0         |
| 53 | Study of Baryon Resonances in the Photoproduction ( $\gamma p \rightarrow K^*\Sigma$ )(1190). , 2014, , .   |     | 0         |
| 54 | $K^* \hat{p}$ Transition Generalized form Factors and Transverse Quark Spin Density from the Instanton Vacuum. , 2016, , .                            |     | 0         |

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|----|--|----|-----------|
| 55 | Consistency Check of Charged Hadron Multiplicities and Fragmentation Functions in SIDIS. , 2017, , .   |    | 0         |
| 56 | $\tilde{\chi}(1690)^{\pm}$ Resonance Production via $K^{\pm} p \rightarrow K^{\pm} \tilde{\chi}^{\pm}$<br>$K^{\pm} p \rightarrow K^{\pm} \tilde{\chi}^{\pm}$ , 2019, , . |    | 0         |