

# Chul Kim

## List of Publications by Year in descending order

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29  
times ranked

356  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Universal lepton universality violation in exclusive processes. Physical Review D, 2022, 105, .                                 | 4.7 | 0         |
| 2  | Consistent treatment of rapidity divergence in soft-collinear effective theory. Journal of High Energy Physics, 2021, 2021, 1.  | 4.7 | 5         |
| 3  | Heavy quark jet production near threshold. Journal of High Energy Physics, 2021, 2021, 1.                                       | 4.7 | 4         |
| 4  | Endpoint resummation in squark decays. Physical Review D, 2020, 101, .  | 4.7 | 0         |
| 5  | Exclusive Heavy Quark Dijet Cross Section. Journal of the Korean Physical Society, 2020, 77, 469-476.                           | 0.7 | 5         |
| 6  | Factorized Groomed Jet Mass Distribution in Inclusive Jet Processes. Journal of the Korean Physical Society, 2019, 74, 439-458. | 0.7 | 8         |
| 7  | Factorization of the Jet Mass Distribution in the Small R Limit. Journal of the Korean Physical Society, 2018, 73, 1230-1239.   | 0.7 | 6         |
| 8  | Heavy quark jet fragmentation. Journal of High Energy Physics, 2018, 2018, 1.   | 4.7 | 14        |
| 9  | Threshold factorization redux. Physical Review D, 2018, 97, .   | 4.7 | 1         |
| 10 | Fragmentation to a jet in the large $z$ limit. Physical Review D, 2017, 95, .   | 4.7 | 17        |
| 11 | Effective Field Theory approach to heavy quark fragmentation. Journal of High Energy Physics, 2016, 2016, 1.                    | 4.7 | 22        |
| 12 | Fragmentation of a jet with small radius. Physical Review D, 2016, 94, .  | 4.7 | 51        |
| 13 | Factorization of the dijet cross section in electron-positron annihilation with jet algorithms. Physical Review D, 2015, 92, .  | 4.7 | 11        |
| 14 | Analysis of exclusive $k_T$ jet algorithms in electron-positron annihilation. Physical Review D, 2015, 92, .                    | 4.7 | 2         |
| 15 | Production of stoponium at the LHC. Physical Review D, 2014, 89, .  | 4.7 | 13        |
| 16 | Proper factorization theorems in high-energy scattering near the endpoint. Journal of High Energy Physics, 2013, 2013, 1.       | 4.7 | 6         |
| 17 | Factorization Theorem for High-Energy Scattering near the End Point. Physical Review Letters, 2013, 110, 122002.                | 7.8 | 4         |
| 18 | Structure of divergences in the Drell-Yan process with small transverse momentum. Physical Review D, 2012, 86, .                | 4.7 | 5         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Pair production of color-octet scalars at the LHC. Physical Review D, 2010, 82, .   | 4.7 | 24        |
| 20 | Color octet scalar bound states at the LHC. Physical Review D, 2009, 79, .  | 4.7 | 14        |
| 21 | Nonperturbative charming penguin contributions to isospin asymmetries in radiative B decays. Physical Review D, 2008, 78, .                             | 4.7 | 6         |
| 22 | Leading SU(3) breaking in lightcone distribution amplitudes. Physical Review D, 2008, 78, .   | 4.7 | 4         |
| 23 | Deep inelastic scattering near the endpoint in soft-collinear effective theory. Physical Review D, 2007, 75, .  | 4.7 | 20        |
| 24 | Probing electroweak physics for all $B \rightarrow X \ell \bar{\nu}_\ell$ decays in the endpoint region. Physical Review D, 2007, 76, .                 | 4.7 | 7         |
| 25 | Semi-inclusive hadronic B decays in the endpoint region. Physical Review D, 2006, 74, .   | 4.7 | 6         |
| 26 | Quark mass effects in the soft-collinear effective theory and $B \rightarrow X_s \ell^+ \ell^-$ in the end point region. Physical Review D, 2005, 72, . | 4.7 | 17        |
| 27 | Soft Wilson lines in the soft-collinear effective theory. Physical Review D, 2005, 71, .  | 4.7 | 47        |
| 28 | Non-leptonic B decays into two light mesons in soft-collinear effective theory. Nuclear Physics B, 2004, 680, 302-338.                                  | 2.5 | 61        |
| 29 | Collinear effective theory at subleading order and its application to heavy-light currents. Physical Review D, 2002, 65, .                              | 4.7 | 106       |