

Chul Kim

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

486
citations

759233

12
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

356
citing authors

#	ARTICLE	IF	CITATIONS
1	Collinear effective theory at subleading order and its application to heavy-light currents. Physical Review D, 2002, 65, .	4.7	106
2	Non-leptonic B decays into two light mesons in soft-collinear effective theory. Nuclear Physics B, 2004, 680, 302-338.	2.5	61
3	Fragmentation of a jet with small radius. Physical Review D, 2016, 94, .	4.7	51
4	Soft Wilson lines in the soft-collinear effective theory. Physical Review D, 2005, 71, .	4.7	47
5	Pair production of color-octet scalars at the LHC. Physical Review D, 2010, 82, .	4.7	24
6	Effective Field Theory approach to heavy quark fragmentation. Journal of High Energy Physics, 2016, 2016, 1.	4.7	22
7	Deep inelastic scattering near the endpoint in soft-collinear effective theory. Physical Review D, 2007, 75, .	4.7	20
8	Quark mass effects in the soft-collinear effective theory and $B \rightarrow X_s \gamma$ in the end point region. Physical Review D, 2005, 72, .	4.7	17
9	Fragmentation to a jet in the large z limit. Physical Review D, 2017, 95, .	4.7	17
10	Color octet scalar bound states at the LHC. Physical Review D, 2009, 79, .	4.7	14
11	Heavy quark jet fragmentation. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
12	Production of stoponium at the LHC. Physical Review D, 2014, 89, .	4.7	13
13	Factorization of the dijet cross section in electron-positron annihilation with jet algorithms. Physical Review D, 2015, 92, .	4.7	11
14	Factorized Groomed Jet Mass Distribution in Inclusive Jet Processes. Journal of the Korean Physical Society, 2019, 74, 439-458.	0.7	8
15	Probing electroweak physics for $B \rightarrow X_s \gamma$ decays in the endpoint region. Physical Review D, 2007, 76, .	4.7	7
16	Semi-inclusive hadronic B decays in the endpoint region. Physical Review D, 2006, 74, .	4.7	6
17	Nonperturbative charming penguin contributions to isospin asymmetries in radiative B decays. Physical Review D, 2008, 78, .	4.7	6
18	Proper factorization theorems in high-energy scattering near the endpoint. Journal of High Energy Physics, 2013, 2013, 1.	4.7	6

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19	Factorization of the Jet Mass Distribution in the Small R Limit. Journal of the Korean Physical Society, 2018, 73, 1230-1239.	0.7	6
20	Structure of divergences in the Drell-Yan process with small transverse momentum. Physical Review D, 2012, 86, .	4.7	5
21	Consistent treatment of rapidity divergence in soft-collinear effective theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
22	Exclusive Heavy Quark Dijet Cross Section. Journal of the Korean Physical Society, 2020, 77, 469-476.	0.7	5
23	Leading SU(3) breaking in lightcone distribution amplitudes. Physical Review D, 2008, 78, .	4.7	4
24	Factorization Theorem for High-Energy Scattering near the End Point. Physical Review Letters, 2013, 110, 122002.	7.8	4
25	Heavy quark jet production near threshold. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
26	Analysis of exclusive k_T jet algorithms in electron-positron annihilation. Physical Review D, 2015, 92, .	4.7	2
27	Threshold factorization redux. Physical Review D, 2018, 97, .	4.7	1
28	Endpoint resummation in squark decays. Physical Review D, 2020, 101, .	4.7	0
29	Universal lepton universality violation in exclusive processes. Physical Review D, 2022, 105, .	4.7	0