

# Francesco Knechtli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6971634/publications.pdf>

Version: 2024-02-01

19  
papers

1,008  
citations

840776

11  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavor symmetry and the static potential with hypercubic blocking. Physical Review D, 2001, 64, .	4.7	457
2	The strange quark mass and Lambda parameter of two flavor QCD. Nuclear Physics B, 2012, 865, 397-429.	2.5	139
3	Non-perturbative quark mass renormalization in two-flavor QCD. Nuclear Physics B, 2005, 729, 117-134.	2.5	97
4	String breaking in SU(2) gauge theory with scalar matter fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 345-352.	4.1	60
5	String breaking by light and strange quarks in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 493-498.	4.1	51
6	Determination of the static potential with dynamical fermions. Nuclear Physics B, 2011, 849, 45-63.	2.5	36
7	String breaking as a mixing phenomenon in the SU(2) Higgs model. Nuclear Physics B, 2000, 590, 309-328.	2.5	32
8	Hadroquarkonium from lattice QCD. Physical Review D, 2017, 95, .	4.7	29
9	Effects of Heavy Sea Quarks at Low Energies. Physical Review Letters, 2015, 114, 102001.	7.8	28
10	How perturbative are heavy sea quarks?. Nuclear Physics B, 2019, 943, 114612.	2.5	14
11	Extra-dimensional models on the lattice. International Journal of Modern Physics A, 2016, 31, 1643002.	1.5	13
12	Power corrections from decoupling of the charm quark. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 649-655.	4.1	11
13	How much do charm sea quarks affect the charmonium spectrum?. European Physical Journal C, 2019, 79, 1.	3.9	10
14	Non-perturbative gauge-Higgs unification: symmetries and order parameters. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
15	Five-dimensional Gauge-Higgs Unification: a Standard Model-like Spectrum. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
16	Scale setting for $N_{\text{f}}=3+1$ QCD. European Physical Journal C, 2020, 80, 1.	3.9	5
17	Charmonium and exotics from lattice QCD. EPJ Web of Conferences, 2019, 202, 01006.	0.3	4
18	A multigrid accelerated eigensolver for the Hermitian Wilson-Dirac operator in lattice QCD. Computer Physics Communications, 2021, 258, 107615.	7.5	3

#	ARTICLE	IF	CITATIONS
19	Charm sea effects on charmonium decay constants and heavy meson masses. European Physical Journal C, 2021, 81, 1.	3.9	1