

Vittorio Lubicz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4581456/publications.pdf>

Version: 2024-02-01

40
papers

2,125
citations

236925

25
h-index

315739

38
g-index

40
all docs

40
docs citations

40
times ranked

1274
citing authors

#	ARTICLE	IF	CITATIONS
19	<p>Mass of the K^* quark and B-meson decay constants from $N_f=2+1$ twisted-mass. <i>Physical Review D</i>, 2016, 93, .</p>	4.7	45
20	<p>A proposal for B-physics on current lattices. <i>Journal of High Energy Physics</i>, 2010, 2010, 1.</p>	4.7	43
21	<p>quark and B-meson decay constants from $N_f=2+1$ twisted-mass. <i>Physical Review D</i>, 2016, 93, .</p>	4.7	37
22	<p>Finite-volume QED corrections to decay amplitudes in lattice QCD. <i>Physical Review D</i>, 2017, 95, .</p>	4.7	36
23	<p>Strange and charm HVP contributions to the muon ($g_{\hat{a}^2}$) including QED corrections with twisted-mass fermions. <i>Journal of High Energy Physics</i>, 2017, 2017, 1.</p>	4.7	35
24	<p>First lattice calculation of radiative leptonic decay rates of pseudoscalar mesons. <i>Physical Review D</i>, 2021, 103, .</p>	4.7	30
25	<p>Masses and decay constants of D and B mesons with experimental data. <i>Physical Review D</i>, 2021, 103, .</p>	4.7	28
26	<p>Quark masses using twisted-mass fermion gauge ensembles. <i>Physical Review D</i>, 2021, 104, .</p>	4.7	19
27	<p>Tensor form factor of D mesons with experimental data. <i>Physical Review D</i>, 2021, 103, .</p>	4.7	14
28	<p>K^* matrix elements of the chromomagnetic operator on the lattice. <i>Physical Review D</i>, 2018, 97, .</p>	4.7	14
29	<p>Comparison of lattice QCD predictions for radiative leptonic decays of light mesons with experimental data. <i>Physical Review D</i>, 2021, 103, .</p>	4.7	14
30	<p>Renormalization of the chromomagnetic operator on the lattice. <i>Physical Review D</i>, 2015, 92, .</p>	4.7	12
31	<p>Kaon semileptonic vector form factor with $N_f=2+1+1$ Twisted Mass fermions. <i>Nuclear and Particle Physics Proceedings</i>, 2016, 273-275, 2602-2604.</p>	0.5	8
32	<p>Virtual photon emission in leptonic decays of charged pseudoscalar mesons. <i>Physical Review D</i>, 2022, 105, .</p>	4.7	6
33	<p>Leading isospin-breaking corrections to meson masses on the lattice. <i>EPJ Web of Conferences</i>, 2018, 175, 06002.</p>	0.3	5
34	<p>First direct lattice calculation of the chiral perturbation theory low-energy constant \hat{a}_1. <i>Physical Review D</i>, 2021, 104, .</p>	4.7	5
35	<p>Rotated twisted-mass: a convenient regularization scheme for isospin breaking QCD and QED lattice calculations. <i>European Physical Journal A</i>, 2021, 57, 1.</p>	2.5	3
36	<p>Lattice calculation of the pion mass difference $M_{\pi^+} - M_{\pi^0}$. <i>Physical Review D</i>, 2022, 106, .</p>	4.7	3

#	ARTICLE	IF	CITATIONS
37	Heavy flavour precision physics from $N_f=2+1+1$ lattice simulations. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1638-1644.	0.5	1
38	HVP contributions to the muon (g^2) including QED corrections with twisted-mass fermions. EPJ Web of Conferences, 2018, 175, 06006.	0.3	1
39	Tensor form factor for the $D \rightarrow \pi^0 K$ transitions with Twisted Mass fermions.. EPJ Web of Conferences, 2018, 175, 13022.	0.3	0
40	$D \rightarrow \pi^0 \ell^+ \ell^-$ and $D \rightarrow \pi^+ K$ semileptonic form factors with $N_f = 2 + 1 + 1$ twisted mass fermions. EPJ Web of Conferences, 2018, 175, 13026.	0.3	0