

G Peter Lepage

List of Publications by Year in descending order

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46
papers

2,171
citations

218381

26
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253896

43
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all docs

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docs citations

46
times ranked

1599
citing authors

#	ARTICLE	IF	CITATIONS
1	Charmonium precision tests from full lattice QCD: Hyperfine splitting, leptonic width, and charm quark mass. Physical Review D, 2019, 100, . Determination of the quark condensate from heavy-light current-current correlators in full lattice QCD. Physical Review D, 2019, 100, .	1.6	11
2	Hadronic-vacuum-polarization contribution to the muon a_μ from four-flavor lattice QCD. Physical Review D, 2020, 101, .	1.6	6
3	Renormalization of the tensor current in lattice QCD and the tensor decay constant. Physical Review D, 2020, 102, .	1.6	16
4	QED interaction effects on heavy meson masses from lattice QCD+QED. Physical Review D, 2020, 102, .	1.6	82
5	Charmonium properties from lattice QCD: Hyperfine splitting, leptonic width, charm quark mass, and Lattice QCD Matrix Elements for the B_c meson. Physical Review Letters, 2020, 124, 082001.	1.6	4
6	Determination of the quark condensate from heavy-light current-current correlators in full lattice QCD. Physical Review D, 2019, 100, .	1.6	36
7	Renormalizing vector currents in lattice QCD using momentum-subtraction schemes. Physical Review D, 2019, 100, .	2.9	9
8	Neutral B_c meson mixing from full lattice QCD at the physical point. Physical Review D, 2019, 100, .	1.6	12
9	Demographic gaps or preparation gaps?: The large impact of incoming preparation on performance of students in introductory physics. Physical Review Physics Education Research, 2019, 15, .	1.6	12
10	Strong-Isospin-Breaking Correction to the Muon Anomalous Magnetic Moment from Lattice QCD at the Physical Point. Physical Review Letters, 2018, 120, 152001.	1.4	70
11	Form factor ratios for B_c and B_s mesons. Physical Review D, 2018, 98, .	2.9	71
12	Higher-order hadronic vacuum-polarization contribution to the muon a_μ from lattice QCD. Physical Review D, 2018, 98, .	1.6	13
13	Determination of quark masses from lattice QCD and the RI-SMOM intermediate scheme. Physical Review D, 2018, 98, .	1.6	8
14	Hadronic vacuum polarization contribution to a_μ^{had} from full lattice QCD. Physical Review D, 2017, 96, .	1.6	14
15	Determination of quark masses from lattice QCD and the RI-SMOM intermediate scheme. Physical Review D, 2018, 98, .	1.6	23
16	Hadronic vacuum polarization contribution to a_μ^{had} from full lattice QCD. Physical Review D, 2017, 96, .	1.6	58
17	$B_s \rightarrow D_s$ form factors and the fragmentation fraction ratio f_s/f_d . Physical Review D, 2017, 95, .	1.6	23

#	ARTICLE	IF	CITATIONS
19	Pseudoscalar meson electromagnetic form factor at high Q^2 from full lattice QCD. Physical Review D, 2017, 96, .	1.6	24
20	Nonperturbative comparison of clover and highly improved staggered quarks in lattice QCD and the properties of the meson. Physical Review D, 2017, 96, .	1.6	18
21	Size of the pion from lattice QCD with physical zero recoil from lattice QCD with physical quarks. Physical Review D, 2016, 93, .	1.6	21
22	Estimate of the hadronic vacuum polarization disconnected contribution to the anomalous magnetic moment of the muon from lattice QCD. Physical Review D, 2016, 93, .	1.6	17
23	Estimate of the hadronic vacuum polarization disconnected contribution to the anomalous magnetic moment of the muon from lattice QCD. Physical Review D, 2016, 93, .	1.6	24
24	Factors at nonzero recoil and extraction of form factors from lattice QCD. Physical Review D, 2015, 91, .	1.6	67
25	Factors at nonzero recoil and extraction of form factors from lattice QCD. Physical Review D, 2015, 91, .	1.6	187
26	High-precision quark masses and QCD coupling from lattice QCD. Physical Review D, 2015, 91, .	1.6	97
27	High-precision quark masses and QCD coupling from lattice QCD. Physical Review D, 2015, 91, .	1.6	98
28	High-precision quark masses and QCD coupling from lattice QCD. Physical Review D, 2015, 91, .	1.6	36
29	High-precision quark masses and QCD coupling from lattice QCD. Physical Review D, 2014, 90, .	1.6	66
30	Strange and charm quark contributions to the anomalous magnetic moment of the muon. Physical Review D, 2014, 89, .	1.6	53
31	Prediction of the radiative decay form factors from a Calculation of its Radiative Decay in Full Lattice QCD. Physical Review Letters, 2014, 112, .	1.6	109
32	Publisher's Note: Rare decay factors from lattice QCD [Phys. Rev. D 88 , 054509 (2013)]. Physical Review D, 2013, 88, .	1.6	48
33	Rare decay form factors from lattice QCD. Physical Review D, 2012, 86, .	1.6	69
34	Rare decay form factors from lattice QCD. Physical Review D, 2012, 86, .	1.6	33
35	Rare decay form factors from lattice QCD. Physical Review D, 2012, 86, .	1.6	94
36	Rare decay form factors from lattice QCD. Physical Review D, 2012, 86, .	1.6	55

#	ARTICLE	IF	CITATIONS
37	$B_s \rightarrow B_s \gamma$ $B_s \rightarrow B_s \gamma$	1.6	60
38	$D \rightarrow K \pi^+$ $D \rightarrow K \pi^+$	1.6	74
39	Precise determination of the lattice spacing in full lattice QCD. Physical Review D, 2010, 81, .	1.6	85
40	Neutral $B \rightarrow B$ meson mixing in unquenched lattice QCD. Physical Review D, 2009, 80, .	1.6	122
41	$B_s \rightarrow B_s$ mixing parameters from unquenched lattice QCD. Physical Review D, 2007, 76, .	1.6	32
42	High-precision determination of the light-quark masses from realistic lattice QCD. Physical Review D, 2006, 73, .	1.6	63
43	B meson semileptonic form factors from unquenched lattice QCD. Physical Review D, 2006, 73, .	1.6	145
44	B DECAYS ON THE LATTICE AND RESULTS FOR PHENOMENOLOGY. International Journal of Modern Physics A, 2005, 20, 3651-3653.	0.5	0
45	B meson semileptonic form factors from unquenched lattice QCD. , 0, .		1
46	$B \rightarrow D^* \ell \bar{\nu}_\ell$ form factors at nonzero recoil and extraction of $ V_{cb} $. , 0, .		1