

Christoph Lehner

List of Publications by Year in descending order

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12

papers

758

citations

933447

10

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1199594

12

g-index

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all docs

12

docs citations

12

times ranked

740

citing authors

#	ARTICLE	IF	CITATIONS
1	High-precision lattice QCD calculations of the muon anomalous magnetic moment. <i>Nature Reviews Physics</i> , 2022, 4, 14-15.	26.6	3
2	Consistency of hadronic vacuum polarization between lattice QCD and the R ratio. <i>Physical Review D</i> , 2020, 101, .	4.7	70
3	Hadronic Light-by-Light Scattering Contribution to the Muon Anomalous Magnetic Moment from Lattice QCD. <i>Physical Review Letters</i> , 2020, 124, 132002.	7.8	276
4	Opportunities for Lattice QCD in quark and lepton flavor physics. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	24
5	Finite-volume correction on the hadronic vacuum polarization contribution to the muon \hat{g}^2 in lattice QCD. <i>Physical Review D</i> , 2018, 98, .	4.7	8
6	Novel determination of the muon \hat{g}^2 in lattice QCD. <i>Determination Using Inclusive Strange Decay and Lattice Hadronic Vacuum Polarization Functions</i> . <i>Physical Review Letters</i> , 2018, 121, 202003.	7.8	11
7	Connected and Leading Disconnected Hadronic Light-by-Light Contribution to the Muon Anomalous Magnetic Moment with a Physical Pion Mass. <i>Physical Review Letters</i> , 2017, 118, 022005.	7.8	72
8	Neutral kaon mixing beyond the Standard Model with $n_f = 2 + 1$ chiral fermions. Part 2: non-perturbative renormalisation of the $\hat{F} = 2$ four-quark operators. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	19
9	Using infinite-volume, continuum QED and lattice QCD for the hadronic light-by-light contribution to the muon anomalous magnetic moment. <i>Physical Review D</i> , 2017, 96, .	4.7	41
10	Lattice calculation of hadronic light-by-light contribution to the muon anomalous magnetic moment. <i>Physical Review D</i> , 2016, 93, .	4.7	57
11	Neutral meson mixings and meson decay constants with static heavy and domain-wall light quarks. <i>Physical Review D</i> , 2015, 92, .	4.7	144
12	meson mixings and meson decay constants with static heavy and domain-wall light quarks. <i>Physical Review D</i> , 2015, 91, .	4.7	33