

Santiago Peris

List of Publications by Year in descending order

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36
papers

1,254
citations

394421

19
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

408
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the three-flavor quark-disconnected contribution to the muon anomalous magnetic moment from experimental data. Physical Review D, 2022, 105, .	4.7	11
2	Strong coupling from an improved \bar{l}_s vector isovector spectral function. Physical Review D, 2021, 103, .	4.7	22
3	Violation of quark-hadron duality. European Physical Journal: Special Topics, 2021, 230, 2691-2698.	2.6	1
4	Light quark vacuum polarization at the physical point and contribution to the muon g_2 . Physical Review D, 2020, 101, .	4.7	78
5	Application of effective field theory to finite-volume effects in $a_{\mu}^{\text{HVP}}(\text{had})$. Physical Review D, 2020, 102, .	4.7	6
6	Evidence against naive truncations of the OPE from $e^+e^- \rightarrow \text{hadrons}$ below charm. Physical Review D, 2019, 100, .	4.7	7
7	Determining α_s from hadronic a_u decay: the pitfalls of truncating the OPE. , 2019, , .		3
8	The strong coupling from $e^+e^- \rightarrow \text{hadrons}$. , 2019, , .		0
9	Hyperasymptotics and quark-hadron duality violations in QCD. Physical Review D, 2018, 97, .	4.7	29
10	Strong coupling from $e^+e^- \rightarrow \text{hadrons}$ below charm. Physical Review D, 2018, 98, .	4.7	19
11	Strong coupling from hadronic \bar{l}_s decays: A critical appraisal. Physical Review D, 2017, 95, .	4.7	23
12	Chiral extrapolation of the leading hadronic contribution to the muon anomalous magnetic moment. Physical Review D, 2017, 95, .	4.7	13
13	Finite-volume effects in the muon anomalous magnetic moment on the lattice. Physical Review D, 2016, 93, .	4.7	35
14	\hat{s} analyses from hadronic tau decays with OPAL and ALEPH data. Modern Physics Letters A, 2016, 31, 1630024.	1.2	1
15	The case for duality violations in the analysis of hadronic \bar{l}_s decays. Modern Physics Letters A, 2016, 31, 1630031.	1.2	9
16	Low-energy constants and condensates from ALEPH hadronic \bar{l}_s decay data. Physical Review D, 2015, 92, .	4.7	17
17	Strong coupling from the revised ALEPH data for hadronic \bar{l}_s decays. Physical Review D, 2015, 91, .	4.7	79
18	NNLO low-energy constants from flavor-breaking chiral sum rules based on hadronic \bar{l}_s decay data. Physical Review D, 2014, 89, .	4.7	12

#	ARTICLE	IF	CITATIONS
19	Functional-analysis based tool for testing quark-hadron duality. Physical Review D, 2014, 90, .	4.7	10
20	THE MUON ANOMALOUS MAGNETIC MOMENT, A VIEW FROM THE LATTICE. International Journal of Modern Physics Conference Series, 2014, 35, 1460418.	0.7	2
21	LOW-ENERGY CONSTANTS AND CONDENSATES FROM THE $V \rightarrow A$ SPECTRUM. International Journal of Modern Physics Conference Series, 2014, 35, 1460443.	0.7	0
22	Low-energy constants and condensates from the \bar{l}_s hadronic spectral functions. Physical Review D, 2013, 87, .	4.7	22
23	Hadronic vacuum polarization with twisted boundary conditions. Physical Review D, 2013, 88, .	4.7	28
24	Tests of hadronic vacuum polarization fits for the muon anomalous magnetic moment. Physical Review D, 2013, 88, .	4.7	15
25	Model-independent parametrization of the hadronic vacuum polarization and $\langle \mathcal{G}^2 \rangle$ for the muon on the lattice. Physical Review D, 2012, 86, .	4.7	52
26	Updated determination of f_{\pm} from \bar{l}_s decays. Physical Review D, 2012, 85, .	4.7	80
27	New determination of $\langle \mathcal{G}^2 \rangle$ from hadronic $\langle \mathcal{I}_s \rangle$ decays. Physical Review D, 2011, 84, .	4.7	61
28	On anomaly matching and holography. Journal of High Energy Physics, 2011, 2011, 1.	4.7	9
29	Possible duality violations in $\langle \mathcal{I}_s \rangle$ decay and their impact on the determination of $\langle \mathcal{G}^2 \rangle$. Physical Review D, 2009, 79, .	4.7	46
30	Unraveling duality violations in hadronic tau decays. Physical Review D, 2008, 77, .	4.7	56
31	A rational approach to resonance saturation in large- N_c QCD. Journal of High Energy Physics, 2007, 2007, 040-040.	4.7	75
32	Relation between low-energy constants and resonance saturation. Physical Review D, 2006, 74, .	4.7	17
33	Duality violations and spectral sum rules. Journal of High Energy Physics, 2005, 2005, 076-076.	4.7	76
34	Electroweak Hadronic Contributions to the muon $g-2$. Journal of High Energy Physics, 2002, 2002, 003-003.	4.7	111
35	Testing an approximation to large- N_c QCD with a toy model. Journal of High Energy Physics, 2002, 2002, 024-024.	4.7	57
36	Matching long and short distances in large- N_c QCD. Journal of High Energy Physics, 1998, 1998, 011-011.	4.7	171