

# Santiago Peris

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/541597/publications.pdf>

Version: 2024-02-01

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	Matching long and short distances in large- $N_c$ QCD. Journal of High Energy Physics, 1998, 1998, 011-011.	4.7	171
2	Electroweak Hadronic Contributions to the muon $a_\mu$ . Journal of High Energy Physics, 2002, 2002, 003-003.	4.7	111
3	Updated determination of $\alpha_s$ from $\tau$ decays. Physical Review D, 2012, 85, .	4.7	80
4	Strong coupling from the revised ALEPH data for hadronic $\tau$ decays. Physical Review D, 2015, 91, .	4.7	79
5	Light quark vacuum polarization at the physical point and contribution to the muon $a_\mu$ . Physical Review D, 2020, 101, .	4.7	78
6	Duality violations and spectral sum rules. Journal of High Energy Physics, 2005, 2005, 076-076.	4.7	76
7	A rational approach to resonance saturation in large- $N_c$ QCD. Journal of High Energy Physics, 2007, 2007, 040-040.	4.7	75
8	New determination of $\alpha_s$ from hadronic $\tau$ decays. Physical Review D, 2011, 84, .	4.7	61
9	Testing an approximation to large- $N_c$ QCD with a toy model. Journal of High Energy Physics, 2002, 2002, 024-024.	4.7	57
10	Unraveling duality violations in hadronic tau decays. Physical Review D, 2008, 77, .	4.7	56
11	Model-independent parametrization of the hadronic vacuum polarization and $a_\mu$ for the muon on the lattice. Physical Review D, 2012, 86, .	4.7	52
12	Possible duality violations in $\tau$ decay and their impact on the determination of $\alpha_s$ . Physical Review D, 2009, 79, .	4.7	46
13	Finite-volume effects in the muon anomalous magnetic moment on the lattice. Physical Review D, 2016, 93, .	4.7	35
14	Hyperasymptotics and quark-hadron duality violations in QCD. Physical Review D, 2018, 97, .	4.7	29
15	Hadronic vacuum polarization with twisted boundary conditions. Physical Review D, 2013, 88, .	4.7	28
16	Strong coupling from hadronic $\tau$ decays: A critical appraisal. Physical Review D, 2017, 95, .	4.7	23
17	Low-energy constants and condensates from the $\tau$ hadronic spectral functions. Physical Review D, 2013, 87, .	4.7	22
18	Strong coupling from an improved $\tau$ vector isovector spectral function. Physical Review D, 2021, 103, .	4.7	22

#	ARTICLE	IF	CITATIONS
19	Strong coupling from $\langle e^+e^- \rightarrow \text{hadrons} \rangle$ below charm. Physical Review D, 2018, 98, .	4.7	19
20	Relation between low-energy constants and resonance saturation. Physical Review D, 2006, 74, .	4.7	17
21	Low-energy constants and condensates from ALEPH hadronic $\tau$ decay data. Physical Review D, 2015, 92, .	4.7	17
22	Tests of hadronic vacuum polarization fits for the muon anomalous magnetic moment. Physical Review D, 2013, 88, .	4.7	15
23	Chiral extrapolation of the leading hadronic contribution to the muon anomalous magnetic moment. Physical Review D, 2017, 95, .	4.7	13
24	NNLO low-energy constants from flavor-breaking chiral sum rules based on hadronic $\tau$ decay data. Physical Review D, 2014, 89, .	4.7	12
25	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
26	Functional-analysis based tool for testing quark-hadron duality. Physical Review D, 2014, 90, .	4.7	10
27	On anomaly matching and holography. Journal of High Energy Physics, 2011, 2011, 1.	4.7	9
28	The case for duality violations in the analysis of hadronic $\tau$ decays. Modern Physics Letters A, 2016, 31, 1630031.	1.2	9
29	Evidence against naive truncations of the OPE from $e^+e^- \rightarrow \text{hadrons}$ below charm. Physical Review D, 2019, 100, .	4.7	7
30	Application of effective field theory to finite-volume effects in $\langle \text{hadrons} \rangle$ . Physical Review D, 2020, 102, .	4.7	6
31	Determining $\alpha_s$ from hadronic $\tau$ decay: the pitfalls of truncating the OPE. , 2019, , .		3
32	THE MUON ANOMALOUS MAGNETIC MOMENT, A VIEW FROM THE LATTICE. International Journal of Modern Physics Conference Series, 2014, 35, 1460418.	0.7	2
33	$\hat{s}$ analyses from hadronic tau decays with OPAL and ALEPH data. Modern Physics Letters A, 2016, 31, 1630024.	1.2	1
34	Violation of quark-hadron duality. European Physical Journal: Special Topics, 2021, 230, 2691-2698.	2.6	1
35	LOW-ENERGY CONSTANTS AND CONDENSATES FROM THE $V \rightarrow A$ SPECTRUM. International Journal of Modern Physics Conference Series, 2014, 35, 1460443.	0.7	0
36	The strong coupling from $e^+e^- \rightarrow \text{hadrons}$ . , 2019, , .		0