

Paolo Gambino

List of Publications by Year in descending order

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96
papers

7,770
citations

46918

47
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48187

88
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97
all docs

97
docs citations

97
times ranked

4973
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimate of $B(\hat{B} \hat{A} \hat{t} \hat{X} \hat{s} \hat{3})$ at $O(\hat{1} \pm s^2)$. Physical Review Letters, 2007, 98, 022002.	2.9	564
2	A Large Hadron Electron Collider at CERN Report on the Physics and Design Concepts for Machine and Detector. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 075001.	1.4	406
3	Universal unitarity triangle and physics beyond the standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 500, 161-167.	1.5	388
4	Quark mass effects in. Nuclear Physics B, 2001, 611, 338-366.	0.9	337
5	Updated Next-to-Next-to-Leading-Order QCD Predictions for the Weak Radiative $B \hat{A} \hat{t} \hat{X} \hat{s} \hat{3}$ -Meson Decays. Physical Review Letters, 2015, 114, 221801.	2.9	336
6	Next-to-leading QCD corrections to $B \hat{A} \hat{t} \hat{X} \hat{s} \hat{3}$: Standard model and two-Higgs doublet model. Nuclear Physics B, 1998, 527, 21-43.	0.9	316
7	$B \hat{A} \hat{t} \hat{X} \hat{s} \hat{3}$ in supersymmetry: large contributions beyond the leading order. Journal of High Energy Physics, 2000, 2000, 009-009.	1.6	298
8	SUSY Les Houches Accord 2. Computer Physics Communications, 2009, 180, 8-25.	3.0	295
9	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	1.4	292
10	Next-to-leading QCD corrections to $B \hat{A} \hat{t} \hat{X} \hat{s} \hat{3}$ in supersymmetry. Nuclear Physics B, 1998, 534, 3-20.	0.9	190
11	Revisiting $B \hat{A} \hat{t} \hat{X} \hat{s} \hat{3}$ in supersymmetry. Physical Review D, 2016, 94, .	1.6	180
12	$R(D \hat{A} \hat{t} \hat{X} \hat{s} \hat{3})$, $ V_{cb} $, and the Heavy Quark Symmetry relations between form factors. Journal of High Energy Physics, 2017, 2017, 1.	1.6	173
13	Flavor physics in the quark sector. Physics Reports, 2010, 494, 197-414.	10.3	164
14	B, D and K decays. European Physical Journal C, 2008, 57, 309-492.	1.4	146
15	Old and new physics interpretations of the NuTeV anomaly. Journal of High Energy Physics, 2002, 2002, 037-037.	1.6	130
16	Complete NNLO QCD Analysis of $B \hat{A} \hat{t} \hat{X} \hat{s} \hat{3}$ and Higher Order Electroweak Effects. Journal of High Energy Physics, 2004, 2004, 071-071.	1.6	130
17	Electroweak gauge boson self-energies: Complete QCD corrections. Physical Review D, 1994, 49, 3499-3511.	1.6	129
18	Precision Determination of the Cabibbo-Kobayashi-Maskawa Element V_{cb} . Physical Review Letters, 2015, 114, 061802.	2.9	129

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19	Nielsen identities of the SM and the definition of mass. <i>Physical Review D</i> , 2000, 62, .	1.6	127
20	Anomalous dimension matrix for radiative and rare semileptonic B decays up to three loops. <i>Nuclear Physics B</i> , 2003, 673, 238-262.	0.9	125
21	A fresh look at the determination of $ V_{cb} $ from $B \rightarrow D^* \ell \bar{\nu}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 769, 441-445.	1.5	124
22	Precise calculation of α_s and $\sin^2 \theta_{\text{eff}}^{\ell}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 394, 188-194.	1.5	117
23	Two-loop heavy top effects on the m_Z - m_W interdependence. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 383, 219-226.	1.5	107
24	$\mu \rightarrow e \gamma$ and rare K and B decays in the MSSM. <i>Nuclear Physics B</i> , 2001, 592, 55-91.	0.9	102
25	Taming the higher power corrections in semileptonic B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 763, 60-65.	1.5	98
26	Inclusive semileptonic $B \rightarrow X \ell \bar{\nu}$ decays and the determination of $ V_{cb} $. <i>Journal of High Energy Physics</i> , 2007, 2007, 058-058.	1.6	97
27	Leading Electroweak Correction to Higgs Boson Production at Proton Colliders. <i>Physical Review Letters</i> , 1994, 73, 2528-2531.	2.9	89
28	Moments of semileptonic B decay distributions in the $1/m_b$ expansion. <i>European Physical Journal C</i> , 2004, 34, 181-189.	1.4	89
29	Supersymmetric Contributions to Electroweak Precision Observables: QCD Corrections. <i>Physical Review Letters</i> , 1997, 78, 3626-3629.	2.9	87
30	Gluino decays in Split Supersymmetry. <i>Nuclear Physics B</i> , 2005, 726, 35-52.	0.9	86
31	Leading QCD corrections to scalar quark contributions to electroweak precision observables. <i>Physical Review D</i> , 1998, 57, 4179-4196.	1.6	83
32	The V puzzle: An update. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 795, 386-390.	1.5	77
33	Determining the Sign of the $b \rightarrow s \gamma$ Amplitude. <i>Physical Review Letters</i> , 2005, 94, 061803.	2.9	75
34	Inclusive semileptonic fits, heavy quark masses, and $ V_{cb} $. <i>Physical Review D</i> , 2014, 89, .	1.6	70
35	Two-loop electroweak heavy-fermion corrections to Higgs-boson production and decay. <i>Nuclear Physics B</i> , 1998, 523, 17-39.	0.9	66
36	The role of M_W in precision studies of the standard model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 418, 209-213.	1.5	65

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37	Indication for light sneutrinos and gauginos from precision electroweak data. Journal of High Energy Physics, 2001, 2001, 018-018.	1.6	65
38	Perturbative corrections to semileptonic b decay distributions. Nuclear Physics B, 2005, 719, 77-102.	0.9	65
39	QCD corrections to Higgs boson self-energies and fermionic decay widths. Physical Review D, 1995, 51, 218-228.	1.6	63
40	Fermion mixing renormalization and gauge invariance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 454, 98-104.	1.5	61
41	SusyBSG: a Fortran code for in the MSSM with Minimal Flavor Violation. Computer Physics Communications, 2008, 179, 759-771.	3.0	57
42	Two-loop heavy top corrections to the Z0 boson partial widths. Nuclear Physics B, 2000, 567, 3-31.	0.9	56
43	QCD corrections to radiative B decays in the MSSM with minimal flavor violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 635, 335-342.	1.5	56
44	Three loop calculations and inclusive V. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136679.	1.5	56
45	Electroweak penguin contributions to non-leptonic $\hat{\Gamma}^{\mu} F=1$ decays at NNLO. Nuclear Physics B, 2000, 570, 117-154.	0.9	54
46	Complete electroweak matching for radiative B decays. Journal of High Energy Physics, 2001, 2001, 020-020.	1.6	54
47	Electroweak gauge boson self-energies: Complete QCD corrections. Physical Review D, 1996, 53, 4111-4111.	1.6	48
48	Challenges in semileptonic $B \rightarrow \gamma \ell \ell$ decays. European Physical Journal C, 2020, 80, 1.	1.4	48
49	Perturbative corrections to power suppressed effects in semileptonic B decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	44
50	B semileptonic moments at NNLO. Journal of High Energy Physics, 2011, 2011, 1.	1.6	41
51	Relation between $\sin^2 \hat{\theta}_W(m_Z)$ and $\sin^2 \hat{\theta}_W^{\text{eff}}(\mu)$. Physical Review D, 1994, 49, R1160-R1162.	1.6	39
52	Polarized deep inelastic scattering at high energies and parity violating structure functions. Zeitschrift für Physik C-Particles and Fields, 1994, 64, 267-273.	1.5	38
53	The $m_W \hat{\alpha}^2 m_Z$ interdependence in the Standard Model: a new scrutiny. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
54	Electroweak effects in radiative B decays. Journal of High Energy Physics, 2000, 2000, 001-001.	1.6	35

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55	Magnetic dipole operator contributions to the photon energy spectrum in α . Nuclear Physics B, 2007, 762, 212-228.	0.9	34
56	$B \rightarrow D^*$ zero-recoil formfactor and the heavy quark expansion in QCD: a systematic study. Journal of High Energy Physics, 2012, 2012, 1.	1.6	32
57	Kinetic operator effects in α . Nuclear Physics B, 2013, 870, 16-29.	0.9	32
58	Inclusive Semileptonic Decays from Lattice QCD. Physical Review Letters, 2020, 125, 032001.	2.9	32
59	Heavy quark parameters and $ V_{cb} $ from spectral moments in semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 556, 41-49.	1.5	29
60	Lepton energy moments in semileptonic charm decays. Nuclear Physics B, 2010, 840, 424-437.	0.9	28
61	Extraction of heavy-quark-expansion parameters from unquenched lattice data on pseudoscalar and vector heavy-light meson masses. Physical Review D, 2017, 96, .	1.6	28
62	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\alpha}' \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle * \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle$ zero recoil revisited. Physical Review D, 2010, 81, .	1.6	28
63	Normalizing inclusive rare B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 69-73.	1.5	24
64	Hadronic mass and q^2 moments of charmless semileptonic B decay distributions. Journal of High Energy Physics, 2005, 2005, 010-010.	1.6	22
65	Electroweak effects in the mixing. Nuclear Physics B, 1999, 544, 532-556.	0.9	21
66	CURRENT ALGEBRA APPROACH TO HEAVY TOP EFFECTS IN $\hat{\Gamma}_t$: International Journal of Modern Physics A, 1995, 10, 1377-1392.	0.5	20
67	THE TOP PRIORITY: PRECISION ELECTROWEAK PHYSICS FROM LOW TO HIGH ENERGY. International Journal of Modern Physics A, 2004, 19, 808-820.	0.5	19
68	Power suppressed effects in α . Nuclear Physics B, 2010, 830, 278-290.	0.9	19
69	Crowdsensing for a sustainable comfort and for energy saving. Energy and Buildings, 2019, 186, 208-220.	3.1	18
70	Two-loop corrections to the heavy top limit in the $\hat{\Gamma}_\pm$ parameter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 75-84.	1.5	17
71	Polarization and the weak mixing angle in high energy e^+e^- collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 211-218.	1.5	15
72	Lattice QCD study of inclusive semileptonic decays of heavy mesons. Journal of High Energy Physics, 2022, 2022, .	1.6	15

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73	A new model-independent way of extracting $ V_{ub}/V_{cb} $. Nuclear Physics B, 2002, 637, 427-444.	0.9	13
74	Asymptotic $O(\hat{1}\hat{1}\pm s)$ behavior of the electroweak gauge boson vacuum polarization functions for arbitrary quark masses. Physical Review D, 1994, 49, 4705-4712.	1.6	12
75	Present and future CP measurements. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 1277-1380.	1.4	12
76	Renormalon contributions to $\hat{1}^{\prime\prime}\hat{1}\pm$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 295-300.	1.5	11
77	Neural network approach to $\langle m_{\text{eff}} \rangle$. Physical Review D, 2016, 94, .	1.6	11
78	Running-coupling effects in the triple-differential charmless semileptonic decay width. Journal of High Energy Physics, 2006, 2006, 036-036.	1.6	10
79	Evidence for Bosonic Electroweak Corrections in the Standard Model. Physical Review Letters, 1994, 73, 621-623.	2.9	9
80	Perturbative corrections to power suppressed effects in $\overline{B} \rightarrow X_u \hat{1}\pm$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
81	Test of the heavy top expansion in the evaluation of M_W and $\sin^2 \hat{1}\text{epteff}$. Journal of High Energy Physics, 1999, 1999, 025-025.	1.6	8
82	Explorative Multidimensional Analysis for Energy Efficiency: DataViz versus Clustering Algorithms. Energies, 2018, 11, 1312.	1.6	8
83	New measurements of proton polarized structure functions in charged current processes at DESY HERA. Physical Review D, 1997, 55, 5841-5844.	1.6	7
84	Inclusive semileptonic B decays and $ V_{cb} $: In memoriam Kolya Uraltsev. International Journal of Modern Physics A, 2015, 30, 1543002.	0.5	7
85	Semileptonic and radiative B decays circa 2005. Nuclear Physics, Section B, Proceedings Supplements, 2006, 156, 169-173.	0.5	5
86	Radiative B decays: electroweak effects and new physics beyond the leading order. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 1199-1206.	1.4	4
87	The Inclusive Determination of $ V_{cb} $. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1325-1329.	0.2	3
88	Masses, decay constants and HQE matrix elements of pseudoscalar and vector heavy-light mesons in LQCD. Journal of Physics: Conference Series, 2019, 1137, 012005.	0.3	3
89	Next-to-leading order QCD corrections to $B \rightarrow X_s \hat{1}\pm$. Nuclear Physics, Section B, Proceedings Supplements, 2000, 86, 499-502.	0.5	2
90	HQE parameters from unquenched lattice data on pseudoscalar and vector heavy-light meson masses. EPJ Web of Conferences, 2018, 175, 13028.	0.1	2

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91	Semi-leptonic and rare decays. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 1159-1160.	1.4	0
92	Radiative B decays in the standard model and beyond. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 65-73.	1.4	0
93	Theory precision for radiative B decays in SM and MSSM. Nuclear Physics, Section B, Proceedings Supplements, 2007, 163, 127-132.	0.5	0
94	The inclusive determination of. Nuclear Physics, Section B, Proceedings Supplements, 2008, 185, 28-32.	0.5	0
95	Lepton Energy Moments in Semileptonic Charm Decays. Nuclear Physics, Section B, Proceedings Supplements, 2011, 210-211, 151-154.	0.5	0
96	B, D and K decays. Advances in the Physics of Particles and Nuclei, 2009, , 297-480.	0.1	0