

# Gino Isidori

## List of Publications by Year in descending order

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123  
papers

9,600  
citations

34105

52  
h-index

36028

97  
g-index

123  
all docs

123  
docs citations

123  
times ranked

6885  
citing authors

#	ARTICLE	IF	CITATIONS
1	LFU violations in leptonic $\tilde{B}$ , decays and B-physics anomalies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 826, 136903.	4.1	4
2	Flavour alignment of New Physics in light of the $(g_{\tilde{B}}^{\tilde{t}})^2$ anomaly. Journal of High Energy Physics, 2022, 2022, 1.	4.7	8
3	A general effective field theory description of $b \rightarrow s \ell^+ \ell^-$ , $b \rightarrow s \ell^+ \nu$ , $b \rightarrow s \nu \bar{\nu}$ lepton universality ratios. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137151.	4.1	5
4	Stability of the Higgs sector in a flavor-inspired multi-scale model. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
5	Flavor non-universal Pati-Salam unification and neutrino masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136484.	4.1	24
6	Reading the footprints of the B-meson flavor anomalies. Journal of High Energy Physics, 2021, 2021, 1.	4.7	72
7	The LFU ratio $R_{\pi}$ in the Standard Model and beyond. European Physical Journal C, 2021, 81, 850.	3.9	5
8	On the significance of new physics in $b \rightarrow s \ell^+ \ell^-$ , $b \rightarrow s \ell^+ \nu$ , $b \rightarrow s \nu \bar{\nu}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136644.	4.1	29
9	With or without U(2)? Probing non-standard flavor and helicity structures in semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135080.	4.1	36
10	Vector leptoquarks beyond tree level. Physical Review D, 2020, 101, .	4.7	44
11	Optimized lepton universality tests in $B \rightarrow \ell \ell \ell$ decays. European Physical Journal C, 2020, 80, 1078.	3.9	8
12	Vector leptoquarks beyond tree level. III. Vectorlike fermions and flavor-changing transitions. Physical Review D, 2020, 102, .	4.7	33
13	Vector leptoquarks beyond tree level. II. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi mathvariant="script"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{\pm} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{s} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq1 1 0.784314} \rangle \rangle$	4.7	8
14	Flavour symmetries in the SMEFT. Journal of High Energy Physics, 2020, 2020, 1.	4.7	34
15	QED corrections in $\overline{B} \rightarrow \overline{K} \ell \ell$ at the double-differential level. Journal of High Energy Physics, 2020, 2020, 1.	4.7	63
16	Exploring the flavour structure of the high-scale MSSM. European Physical Journal C, 2020, 80, 291.	3.9	1
17	Revisiting the vector leptoquark explanation of the B-physics anomalies. Journal of High Energy Physics, 2019, 2019, 1.	4.7	111
18	High- $p_T$ signatures in vector leptoquark models. European Physical Journal C, 2019, 79, 1.	3.9	75

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19	A three-site gauge model for flavor hierarchies and flavor anomalies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 317-323.	4.1	212
20	Low-energy signatures of the PS3 model: from B-physics anomalies to LFV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	104
21	Adding pseudo-observables to the four-lepton experimentalist's toolbox. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
22	On the tuning in the $(m, m)$ plane: Standard Model criticality vs. high-scale SUSY. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 551-558.	4.1	1
23	Lepton flavor non-universality in B decays from dynamical Yukawas. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 77-85.	4.1	115
24	Semileptonic $B \rightarrow U$ -physics anomalies: A general EFT analysis within $U(2)$ flavor symmetry. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
25	B-physics anomalies: a guide to combined explanations. Journal of High Energy Physics, 2017, 2017, 1.	4.7	305
26	Probing lepton-flavour universality with $B \rightarrow \pi \ell \ell'$ decays. European Physical Journal C, 2017, 77, 1.	3.9	48
27	Electroweak Higgs production with HiggsPO at NLO QCD. European Physical Journal C, 2017, 77, 1.	3.9	11
28	Impact of leptonic $B \rightarrow \mu \ell$ decays on the distribution of $B \rightarrow P \ell \ell'$ decays. European Physical Journal C, 2016, 76, 1.	3.9	19
29	Toward a coherent solution of diphoton and flavor anomalies. Journal of High Energy Physics, 2016, 2016, 1.	4.7	34
30	Stability of the electroweak ground state in the Standard Model and its extensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 150-160.	4.1	39
31	On the standard model predictions for $R_K$ and $R_{K^*}$ . European Physical Journal C, 2016, 76, 1.	3.9	331
32	Anomalies in B-decays and $U(2)$ flavor symmetry. European Physical Journal C, 2016, 76, 1.	3.9	256
33	Pseudo-observables in electroweak Higgs production. European Physical Journal C, 2016, 76, 1.	3.9	30
34	Probing the Charm Quark Yukawa Coupling in $B \rightarrow \mu \ell$ decays. Physical Review Letters, 2015, 115, 211801.	7.8	37
35	Electroweak bounds on Higgs pseudo-observables and $B \rightarrow \mu \ell$ decays. European Physical Journal C, 2015, 75, 1.	3.9	20
36	Higgs pseudo observables and radiative corrections. European Physical Journal C, 2015, 75, 1.	3.9	13



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55	Flavour-changing decays of a 125 GeV Higgs-like particle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 386-390.	4.1	173
56	Higgs mass and vacuum stability in the Standard Model at NNLO. , 2012, 2012, 1.		1
57	B Physics in the LHC Era. Scottish Graduate Series, 2012, , 69-109.	0.1	0
58	Quark flavour mixing with right-handed currents: An effective theory approach. Nuclear Physics B, 2011, 843, 107-142.	2.5	94
59	DISCRETE 2010: Symposium on Prospects in the Physics of Discrete Symmetries. Journal of Physics: Conference Series, 2011, 335, 011001.	0.4	0
60	Clues from a rare decay. Physics Magazine, 2011, 4, .	0.1	0
61	U(2) and minimal flavour violation in supersymmetry. European Physical Journal C, 2011, 71, 1.	3.9	177
62	B-decay CP-asymmetries in SUSY with a U(2)3 flavour symmetry. European Physical Journal C, 2011, 71, 1.	3.9	33
63	Minimal flavour violation extensions of the seesaw. Journal of High Energy Physics, 2011, 2011, 1.	4.7	62
64	EDMs vs. CPV in $B \rightarrow K$ mixing in two Higgs doublet models with MFV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 402-409.	4.1	78
65	From the LHC to future colliders. European Physical Journal C, 2010, 66, 525-583.	4.1	27
66	From the LHC to future colliders. European Physical Journal C, 2010, 66, 525-583.	3.9	45
67	An evaluation of $ V_{us} $ and precise tests of the Standard Model from world data on leptonic and semileptonic kaon decays. European Physical Journal C, 2010, 69, 399-424.	3.9	174
68	Higgs-mediated FCNCs: natural flavour conservation vs. minimal flavour violation. Journal of High Energy Physics, 2010, 2010, 1.	4.7	134
69	Flavor physics in the quark sector. Physics Reports, 2010, 494, 197-414.	25.6	164
70	On $B \rightarrow K$ beyond lowest order in the operator product expansion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 309-313.	4.1	153
71	Flavor Physics Constraints for Physics Beyond the Standard Model. Annual Review of Nuclear and Particle Science, 2010, 60, 355-380.	10.2	266
72	Composite fermions in electroweak symmetry breaking. Journal of High Energy Physics, 2009, 2009, 029-029.	4.7	32

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73	Combining direct & indirect kaon CP violation to constrain the warped KK scale. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 200-206.	4.1	69
74	Violations of lepton-flavour universality in $P \rightarrow \pi \ell \nu$ decays: a model-independent analysis. European Physical Journal C, 2009, 64, 55.	3.9	8
75	Likelihood functions for supersymmetric observables in frequentist analyses of the CMSSM and NUHM1. European Physical Journal C, 2009, 64, 391-415.	3.9	83
76	Constraints on new physics in MFV models: A model-independent analysis of $b \rightarrow s \ell \ell$ transitions. Journal of High Energy Physics, 2009, 2009, 015.	2.5	110
77	Drell-Yan production of heavy vectors in Higgsless models. Nuclear Physics B, 2009, 822, 230-244.	2.5	16
78	Solving the flavour problem with hierarchical fermion wave functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 73-79.	4.1	70
79	Flavor physics of leptons and dipole moments. European Physical Journal C, 2008, 57, 13-182.	3.9	297
80	Gravitational corrections to standard model vacuum decay. Physical Review D, 2008, 77, .	4.7	101
81	Heavy vectors in Higgsless models. Physical Review D, 2008, 78, .	4.7	22
82	Quantum resonant leptogenesis and minimal lepton flavour violation. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 004.	5.4	35
83	Predictions for supersymmetric particle masses using indirect experimental and cosmological constraints. Journal of High Energy Physics, 2008, 2008, 117-117.	4.7	77
84	SUPERSYMMETRIC EFFECTS IN FLAVOUR PHYSICS. International Journal of Modern Physics A, 2007, 22, 5841-5852.	1.5	1
85	Grand unification and the principle of minimal flavor violation. Nuclear Physics B, 2007, 763, 35-48.	2.5	49
86	CP violation and leptogenesis in models with minimal lepton flavour violation. Nuclear Physics B, 2007, 763, 228-246.	2.5	44
87	Large $\tan^2 \beta$ effects in flavour physics. Nuclear Physics, Section B, Proceedings Supplements, 2007, 163, 192-197.	0.4	1
88	The smallest neutrino mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 646, 100-104.	4.1	37
89	Higgs-mediated $K \rightarrow \pi \ell \ell$ in the MSSM at large $\tan \beta$ . Physical Review D, 2006, 73, .	4.7	20
90	Rare kaon decays on the lattice. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 75-83.	4.1	25

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91	Electromagnetic corrections to non-leptonic two-body B and D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 309-313.	4.1	30
92	Hints of large $\langle \sin^2 2\beta \rangle$ overflow = scroll xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	4.1	195
93	Exploring the flavour structure of the MSSM with rareKdecays. Journal of High Energy Physics, 2006, 2006, 064-064.	4.7	73
94	Three- $e^+e^-P1P2^3$ processes close to the $\hat{1}$ peak: toward a model-independent analysis. Journal of High Energy Physics, 2006, 2006, 049-049.	4.7	39
95	Determination of CP and CPT violation parameters in the neutral kaon system using the Bell-Steinberger relation and data from the KLOE experiment. Journal of High Energy Physics, 2006, 2006, 011-011.	4.7	17
96	$\$K_{\{m L\}}\pi^0$ AS A PROBE OF NEW PHYSICS. International Journal of Modern Physics A, 2006, 21, 487-504.	1.5	26
97	Light-quark loops in. Nuclear Physics B, 2005, 718, 319-338.	2.5	113
98	Minimal flavor violation in the lepton sector. Nuclear Physics B, 2005, 728, 121-134.	2.5	238
99	On the short-distance constraints from $KL_S \rightarrow \mu^+ \mu^-$ . Journal of High Energy Physics, 2004, 2004, 009-009.	4.7	106
100	Lepton flavor mixing and $K^+ \rightarrow \ell^+ \nu_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 588, 74-80.	4.1	20
101	Kaon Decays and the Flavour Problem. Annales Henri Poincare, 2003, 4, 97-109.	1.7	8
102	Extracting short-distance physics from $KL_S \rightarrow e^+ e^-$ decays. Nuclear Physics B, 2003, 672, 387-408.	2.5	80
103	Shedding light on the "dark side" of $B^0$ mixing through $B^0 \rightarrow \ell^+ \ell^-$ , $K^+ \rightarrow \ell^+ \nu$ and $B_d \rightarrow \ell^+ \ell^-$ . Journal of High Energy Physics, 2003, 2003, 053-053.	4.7	21
104	Kaon Decays and the Flavour Problem. , 2003, , 97-109.		0
105	RARE DECAYS: THEORY VS. EXPERIMENTS. International Journal of Modern Physics A, 2002, 17, 3078-3097.	1.5	13
106	$B_s \rightarrow \ell^+ \ell^-$ and $KL \rightarrow \ell^+ \ell^-$ in SUSY models with non-minimal sources of flavour mixing. Journal of High Energy Physics, 2002, 2002, 063-063.	4.7	70
107	$K^+ \rightarrow \ell^+ \nu$ : a rising star on the stage of flavour physics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 530, 108-116.	4.1	38
108	On the metastability of the Standard Model vacuum. Nuclear Physics B, 2001, 609, 387-409.	2.5	361

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109	Scalar flavour-changing neutral currents in the large- $\tan(\hat{\beta}^2)$ limit. Journal of High Energy Physics, 2001, 2001, 001-001.	4.7	182
110	Phenomenology of nonstandard Z couplings in exclusive semileptonic $b \rightarrow s$ transitions. Physical Review D, 2000, 63, .	4.7	136
111	The CP-conserving contribution to the transverse muon polarization in $K \rightarrow \pi^+ \pi^0 \mu^+ \mu^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 295-300.	4.1	9
112	The CP-conserving contribution to in the standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 170-178.	4.1	52
113	Non-perturbative effects in for large dilepton invariant mass. Nuclear Physics B, 1998, 525, 333-349.	2.5	74
114	Supersymmetric contributions to rare kaon decays. Journal of High Energy Physics, 1998, 1998, 009-009.	4.7	86
115	The decays $K \rightarrow \pi \ell \nu$ beyond leading order in the chiral expansion. Journal of High Energy Physics, 1998, 1998, 004-004.	4.7	117
116	CP asymmetry in $B \rightarrow K^* \ell^+ \ell^-$ : Standard model pollution. Physical Review D, 1998, 58, .	4.7	76
117	CP VIOLATION IN KAON DECAYS. International Journal of Modern Physics A, 1998, 13, 1-93.	1.5	78
118	A status report concerning theoretical predictions for various kaon decays. Nuclear Physics A, 1997, 623, 202-214.	1.5	0
119	$K \rightarrow \pi \ell \ell$ decays: A search for novel couplings in kaon decays. Zeitschrift für Physik C-Particles and Fields, 1995, 65, 649-656.	1.5	21
120	Strong rescattering in $K \rightarrow 3\pi$ decays and low-energy meson dynamics. Physical Review D, 1994, 50, 5767-5774.	4.7	21
121	The interference parameter in the model independent approach to the Z line shape. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 314, 139-148.	4.1	12
122	Chiral weak lagrangian for vector mesons and $K \rightarrow 3\pi$ decay amplitudes. Nuclear Physics B, 1992, 385, 437-451.	2.5	18
123	CP-violation in $K \rightarrow 3\pi$ decays and lattice QCD B-factors. Nuclear Physics B, 1992, 381, 522-543.	2.5	16