Gauthier Durieux

List of Publications by Year
in descending order

26	695	567281 15	552781 26
papers	citations	h-index	g-index

27	27	27	4108
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global approach to top-quark flavor-changing interactions. Physical Review D, 2015, 91, .	4.7	80
2	A global view on the Higgs self-coupling at lepton colliders. Journal of High Energy Physics, 2018, 2018, 1.	4.7	69
3	Automated one-loop computations in the standard model effective field theory. Physical Review D, 2021, 103, .	4.7	63
4	The leptonic future of the Higgs. Journal of High Energy Physics, 2017, 2017, 1.	4.7	54
5	The electroweak effective field theory from on-shell amplitudes. Journal of High Energy Physics, 2020, 2020, 1.	4.7	53
6	On the future of Higgs, electroweak and diboson measurements at lepton colliders. Journal of High Energy Physics, 2019, 2019, 1.	4.7	43
7	Minimally extended SILH. Journal of High Energy Physics, 2017, 2017, 1.	4.7	40
8	Enumerating higher-dimensional operators with on-shell amplitudes. Physical Review D, 2020, 101, .	4.7	34
9	Constructing massive on-shell contact terms. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33
10	Probing<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math>violation systematically in differential distributions. Physical Review D, 2015, 92, .	4.7	32
11	Global and optimal probes for the top-quark effective field theory at future lepton colliders. Journal of High Energy Physics, 2018, 2018, 1.	4.7	32
12	The electro-weak couplings of the top and bottom quarks â€" Global fit and future prospects. Journal of High Energy Physics, 2019, 2019, 1.	4.7	32
13	Probing top-quark couplings indirectly at Higgs factories. Chinese Physics C, 2018, 42, 123107.	3.7	23
14	Baryon number violation at the LHC: The top option. Physical Review D, 2012, 85, .	4.7	17
15	The same-sign top signature of R-parity violation. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
16	The top-quark window on compositeness at future lepton colliders. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
17	Three-generation baryon and lepton number violation at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 82-85.	4.1	11
18	On-shell Higgsing for EFTs. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10

#	Article	IF	Citations
19	The seeds of EFT double copy. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
20	CP violation in multibody decays of beauty baryons. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7
21	Publisherâ€™s Note: Baryon number violation at the LHC: The top option [Phys. Rev. D85, 016006 (2012)]. Physical Review D, 2012, 85, .	4.7	6
22	Gegenbauer Goldstones. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
23	Gegenbauerâ€™s Twin. Journal of High Energy Physics, 2022, 2022, .	4.7	4
24	RareZdecays and neutrino flavor universality. Physical Review D, 2016, 93, .	4.7	2
25	Another piece of the puzzle. Nature Physics, 2017, 13, 322-322.	16.7	2
26	Precision constraints on the top-quark effective field theory at future lepton colliders. , 2017, , .		2