

# Sylvain Fichet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1961038/publications.pdf>

Version: 2024-02-01

30  
papers

673  
citations

567281

15  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

3622  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Bayesian view of the Higgs sector with higher dimensional operators. Journal of High Energy Physics, 2013, 2013, 1.	4.7	108
2	Light-by-light scattering with intact protons at the LHC: from standard model to new physics. Journal of High Energy Physics, 2015, 2015, 1.	4.7	61
3	Quantum Forces from Dark Matter and Where to Find Them. Physical Review Letters, 2018, 120, 131801.	7.8	48
4	Anomalous gauge couplings from composite Higgs and warped extra dimensions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	46
5	Mixed sneutrino dark matter in light of the 2011 XENON and LHC results. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 013-013.	5.4	36
6	Bounding quantum dark forces. Physical Review D, 2018, 97, .	4.7	36
7	The warped dark sector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 135012.	4.1	28
8	Reinterpretation of LHC Results for New Physics: Status and recommendations after Run 2. SciPost Physics, 2020, 9, .	4.9	28
9	Shining light on polarizable dark particles. Journal of High Energy Physics, 2017, 2017, 1.	4.7	25
10	Anatomy of the Higgs fits: A first guide to statistical treatments of the theoretical uncertainties. Nuclear Physics B, 2016, 905, 391-446.	2.5	22
11	The excitation of the global symmetry-breaking vacuum in composite Higgs models. Journal of High Energy Physics, 2016, 2016, 1.	4.7	21
12	Braneworld effective field theories "holography, consistency and conformal effects. Journal of High Energy Physics, 2020, 2020, 1.	4.7	21
13	Approximate symmetries and gravity. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
14	Exotic spin-dependent forces from a hidden sector. Journal of High Energy Physics, 2020, 2020, 1.	4.7	18
15	Effective theory for neutral resonances and a statistical dissection of the ATLAS diboson excess. Journal of High Energy Physics, 2015, 2015, 1-33.	4.7	16
16	Quantum chameleons. Physical Review D, 2019, 99, .	4.7	15
17	Opacity from Loops in AdS. Journal of High Energy Physics, 2021, 2021, 1.	4.7	15
18	Continuum-mediated self-interacting dark matter. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13

#	ARTICLE	IF	CITATIONS
19	Taming systematic uncertainties at the LHC with the central limit theorem. Nuclear Physics B, 2016, 911, 623-637.	2.5	12
20	The simplified likelihood framework. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
21	Opacity and effective field theory in anti-de Sitter backgrounds. Physical Review D, 2019, 100, .	4.7	12
22	Effective field theory in AdS: Continuum regime, soft bombs, and IR emergence. Physical Review D, 2020, 102, .	4.7	11
23	The correlation matrix of Higgs rates at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
24	The global Higgs as a signal for compositeness at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
25	The neutrino Casimir force. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
26	Tasting the SU(5) nature of supersymmetry at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
27	Sharpening the shape analysis for higher-dimensional operator searches. Physical Review D, 2017, 96, .	4.7	6
28	On new physics searches with multidimensional differential shapes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 35-42.	4.1	5
29	Probing the scale of New Physics at the LHC: The example of Higgs data. Nuclear Physics B, 2014, 884, 379-395.	2.5	2
30	New likelihoods for shape analysis. International Journal of Modern Physics A, 2015, 30, 1550039.	1.5	2