

Ilaria Brivio

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,377
citations

516215

16
h-index

552369

26
g-index

28
all docs

28
docs citations

28
times ranked

4950
citing authors

#	ARTICLE	IF	CITATIONS
1	The standard model as an effective field theory. <i>Physics Reports</i> , 2019, 793, 1-98.	10.3	334
2	ALPs effective field theory and collider signatures. <i>European Physical Journal C</i> , 2017, 77, 572.	1.4	164
3	Disentangling a dynamical Higgs. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	108
4	The SMEFTsim package, theory and tools. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	108
5	WCxf: An exchange format for Wilson coefficients beyond the Standard Model. <i>Computer Physics Communications</i> , 2018, 232, 71-83.	3.0	102
6	O new physics, where art thou? A global search in the top sector. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	101
7	The complete HEFT Lagrangian after the LHC Run I. <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	58
8	The Higgs width in the SMEFT. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	51
9	Scheming in the SMEFT. . . and a reparameterization invariance!. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	46
10	Probing the Charm Quark Yukawa Coupling in $\langle \text{Higgs} \rangle + \langle \text{Charm} \rangle$. <i>Physical Review Letters</i> , 2015, 115, 211801.	2.9	37
11	Higgs ultraviolet softening. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	35
12	Sigma decomposition. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	34
13	SMEFTsim 3.0 – a practical guide. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	32
14	Radiatively Generating the Higgs Potential and Electroweak Scale via the Seesaw Mechanism. <i>Physical Review Letters</i> , 2017, 119, 141801.	2.9	31
15	One-loop corrections to ALP couplings. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	27
16	Examining the neutrino option. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	18
17	Nonresonant searches for axion-like particles in vector boson scattering processes at the LHC. <i>Journal of High Energy Physics</i> , 2022, 2022, .	1.6	16
18	Non-linear Higgs portal to Dark Matter. <i>Journal of High Energy Physics</i> , 2016, 2016, 1-35.	1.6	13

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19	Leptogenesis in the Neutrino Option. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
20	Addendum to: Scheming in the SMEFT. . . and a reparameterization invariance!. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
21	Unitarity constraints on ALP interactions. Physical Review D, 2021, 104, .	1.6	9
22	From models to SMEFT and back?. SciPost Physics, 2022, 12, .	1.5	9
23	A sensitivity study of VBS and diboson WW to dimension-6 EFT operators at the LHC. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
24	The axion and the Goldstone Higgs. Chinese Journal of Physics, 2019, 61, 55-71.	2.0	5
25	No-go limitations on UV completions of the neutrino option. Physical Review D, 2021, 103, .	1.6	3
26	The Neutrino Option. , 2017, , .		0
27	Scheming in the SMEFT. , 2017, , .		0