

Francesco Riva

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,406
citations

218381

26
h-index

344852

36
g-index

37
all docs

37
docs citations

37
times ranked

4749
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond the minimal composite Higgs model. <i>Journal of High Energy Physics</i> , 2009, 2009, 070-070.	1.6	227
2	What is the $\tilde{\chi}_1^0\tilde{\chi}_1^0$ resonance at 750 GeV?. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	176
3	Towards the ultimate SM fit to close in on Higgs physics. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	161
4	Model-independent precision constraints on dimension-6 operators. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	143
5	On the validity of the effective field theory approach to SM precision tests. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	134
6	Higgs at last. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	131
7	The composite Higgs and light resonance connection. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	129
8	Composite scalar dark matter. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	125
9	Electroweak baryogenesis in non-minimal composite Higgs models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 012-012.	1.9	104
10	Beyond Positivity Bounds and the Fate of Massive Gravity. <i>Physical Review Letters</i> , 2018, 120, 161101.	2.9	97
11	Positive moments for scattering amplitudes. <i>Physical Review D</i> , 2021, 104, .	1.6	86
12	Helicity selection rules and noninterference for BSM amplitudes. <i>Physical Review D</i> , 2017, 95, .	1.6	79
13	Higgs discovery: the beginning or the end of natural EWSB?. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	67
14	Electroweak precision tests in high-energy diboson processes. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	58
15	Patterns of strong coupling for LHC searches. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	57
16	Diboson interference resurrection. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 776, 473-480.	1.5	57
17	Vices and virtues of Higgs effective field theories at large energy. <i>Physical Review D</i> , 2015, 91, .	1.6	53
18	Rosetta: an operator basis translator for standard model effective field theory. <i>European Physical Journal C</i> , 2015, 75, 1.	1.4	52

#	ARTICLE	IF	CITATIONS
19	Leading effects beyond the standard model. <i>Physical Review D</i> , 2015, 91, .	1.6	49
20	(Re-)inventing the relativistic wheel: gravity, cosets, and spinning objects. <i>Journal of High Energy Physics</i> , 2014, 2014, 1. New phenomenological and theoretical perspective on anomalous	1.6	48
21	Z and Z^3 processes. <i>Physical Review D</i> , 2018, 98, .	1.6	45
22	The other effective fermion compositeness. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	34
23	SUSY faces its Higgs couplings. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	30
24	Massive higher spins: effective theory and consistency. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	30
25	Higgs couplings in composite models. <i>Physical Review D</i> , 2013, 88, .	1.6	29
26	Composite charge 8/3 resonances at the LHC. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	27
27	Measuring Higgs Couplings without Higgs Bosons. <i>Physical Review Letters</i> , 2019, 123, 181801.	2.9	27
28	The last gasp of dark matter effective theory. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	26
29	Strongly Interacting Light Dark Matter. <i>SciPost Physics</i> , 2017, 3, .	1.5	25
30	Low-scale leptogenesis and the domain wall problem in models with discrete flavor symmetries. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 690, 443-450.	1.5	23
31	Digamma, what next?. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	23
32	Is the 125 GeV Higgs the superpartner of a neutrino?. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	19
33	Nonperturbative flat direction decay. <i>Physical Review D</i> , 2007, 76, .	1.6	16
34	Curvature perturbation from supersymmetric flat directions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 670, 169-173.	1.5	10
35	Signals of inflation in a friendly string landscape. <i>Journal of High Energy Physics</i> , 2006, 2006, 033-033.	1.6	5
36	Improved BSM sensitivity in diboson processes at linear colliders. <i>European Physical Journal C</i> , 2020, 80, 220.	1.4	4

#	ARTICLE	IF	CITATIONS
37	The Discovery of Supersymmetry. EPJ Web of Conferences, 2013, 60, 18007.	0.1	0