

# David Marzocca

## List of Publications by Year in descending order

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33  
papers

2,179  
citations

331259

21  
h-index

395343

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g-index

34  
all docs

34  
docs citations

34  
times ranked

5379  
citing authors

#	ARTICLE	IF	CITATIONS
1	B-physics anomalies: a guide to combined explanations. Journal of High Energy Physics, 2017, 2017, 1.	1.6	305
2	On the breaking of lepton flavor universality in B decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	219
3	General composite Higgs models. Journal of High Energy Physics, 2012, 2012, 1.	1.6	195
4	On the effect of resonances in composite Higgs phenomenology. Journal of High Energy Physics, 2011, 2011, 1.	1.6	163
5	High- $p_T$ dilepton tails and flavor physics. European Physical Journal C, 2017, 77, 1.	1.4	158
6	Knocking on new physics's door with a scalar resonance. European Physical Journal C, 2016, 76, 1.	1.4	125
7	Addressing the B-physics anomalies in a fundamental Composite Higgs model. Journal of High Energy Physics, 2018, 2018, 1.	1.6	96
8	Sizeable $\hat{\theta}_{13}$ from the charged lepton sector in SU(5), (tri-)bimaximal neutrino mixing and Dirac CP violation. Journal of High Energy Physics, 2011, 2011, 1.	1.6	85
9	Anomalous triple gauge couplings in the effective field theory approach at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	76
10	Global Constraints on Anomalous Triple Gauge Couplings in the Effective Field Theory Approach. Physical Review Letters, 2016, 116, 011801.	2.9	71
11	Low-energy phenomenology of scalar leptoquarks at one-loop accuracy. Journal of High Energy Physics, 2021, 2021, 1.	1.6	67
12	Matching scalar leptoquarks to the SMEFT at one loop. Journal of High Energy Physics, 2020, 2020, 1.	1.6	66
13	Scaling and tuning of EW and Higgs observables. Journal of High Energy Physics, 2014, 2014, 1.	1.6	65
14	Combined explanations of B-physics anomalies: the sterile neutrino solution. Journal of High Energy Physics, 2018, 2018, 1.	1.6	60
15	Nonzero $ U_{e3} $ from charged lepton corrections and the atmospheric neutrino mixing angle. Journal of High Energy Physics, 2013, 2013, 1.	1.6	59
16	Pseudo-observables in Higgs decays. European Physical Journal C, 2015, 75, 1.	1.4	45
17	Composite dark matter and LHC interplay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	44
18	Minimal Explanation of Flavor Anomalies: $B \rightarrow X \ell \ell$ -Meson Decays, Muon Magnetic Moment, and the Cabibbo Angle. Physical Review Letters, 2021, 127, 061803.	2.9	38

#	ARTICLE	IF	CITATIONS
19	Toward a coherent solution of diphoton and flavor anomalies. Journal of High Energy Physics, 2016, 2016, 1.	1.6	34
20	Bottom-flavored mono-tau tails at the LHC. Journal of High Energy Physics, 2020, 2020, 1.	1.6	31
21	Pseudo-observables in electroweak Higgs production. European Physical Journal C, 2016, 76, 1.	1.4	30
22	Exploiting dijet resonance searches for flavor physics. Journal of High Energy Physics, 2021, 2021, 1.	1.6	21
23	Electroweak bounds on Higgs pseudo-observables and $h \rightarrow 4\ell$ decays. European Physical Journal C, 2015, 75, 1.	1.4	20
24	Supersymmetry with a pNGB Higgs and partial compositeness. Journal of High Energy Physics, 2014, 2014, 1.	1.6	17
25	Higgs pseudo observables and radiative corrections. European Physical Journal C, 2015, 75, 1.	1.4	13
26	From B-meson anomalies to Kaon physics with scalar leptoquarks. European Physical Journal C, 2022, 82, 1.	1.4	13
27	Electroweak Higgs production with HiggsPO at NLO QCD. European Physical Journal C, 2017, 77, 1.	1.4	11
28	Rank-one flavor violation and B-meson anomalies. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
29	Composite 2HDM with singlets: a viable dark matter scenario. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
30	Stable fermion mass matrices and the charged lepton contribution to neutrino mixing. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
31	Higgs mass and unified gauge coupling in the NMSSM with vector matter. Journal of High Energy Physics, 2016, 2016, 1.	1.6	6
32	Adding pseudo-observables to the four-lepton experimentalist's toolbox. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
33	Pseudo-observables in Higgs decays. , 2016, , .		0