

David M Straub

List of Publications by Year in descending order

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41
papers

3,975
citations

136950

32
h-index

289244

40
g-index

41
all docs

41
docs citations

41
times ranked

5328
citing authors

#	ARTICLE	IF	CITATIONS
1	B-decay discrepancies after Moriond 2019. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	153
2	Flavourful SMEFT likelihood for Higgs and electroweak data. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	37
3	A global likelihood for precision constraints and flavour anomalies. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	95
4	Master formula for $\hat{\mu}^{\epsilon^2}/\hat{\mu}$ beyond the Standard Model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 792, 465-469.	4.1	50
5	Anatomy of $\epsilon^2/\hat{\mu}$ beyond the standard model. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	26
6	Constraining new physics in $b \rightarrow c s, \tau$ transitions. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	80
7	WMatch: a Python package for the running and matching of Wilson coefficients above and below the electroweak scale. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	109
8	Flavor physics and flavor anomalies in minimal fundamental partial compositeness. <i>Physical Review D</i> , 2018, 97, .	4.7	36
9	WCxf: An exchange format for Wilson coefficients beyond the Standard Model. <i>Computer Physics Communications</i> , 2018, 232, 71-83.	7.5	102
10	A new light particle in B decays?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 774, 205-209.	4.1	81
11	Electroweak symmetry breaking and collider signatures in the next-to-minimal composite Higgs model. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	15
12	$B \rightarrow s \tau^+ \tau^-$ as current and future probe of new physics. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	37
13	Status of the $B \rightarrow K^* \mu^+ \mu^-$ decays. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	110
14	Rare $B \rightarrow K^* \mu^+ \mu^-$ decays as tests of the Standard Model. <i>Progress in Particle and Nuclear Physics</i> , 2017, 92, 50-91.	14.4	97
15	Interpreting hints for lepton flavor universality violation. <i>Physical Review D</i> , 2017, 96, .	4.7	169
16	Constraints on new physics from radiative B decays. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	49
17	$B \rightarrow V \ell^+ \ell^-$ in the Standard Model from light-cone sum rules. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	324
18	Direct and indirect signals of natural composite Higgs models. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	26

#	ARTICLE	IF	CITATIONS
19	Violation of lepton flavour universality in composite Higgs models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 182-186.	4.1	111
20	New physics in $b \rightarrow s \ell^+ \ell^-$ transitions after LHC run 1. European Physical Journal C, 2015, 75, 1.	3.9	237
21	$B \rightarrow K^* \ell^+ \ell^-$ decays in the Standard Model and beyond. Journal of High Energy Physics, 2015, 2015, 1.	4.7	207
22	Dipole operator constraints on composite Higgs models. European Physical Journal C, 2014, 74, 2945.	3.9	31
23	A 125 GeV composite Higgs boson versus flavour and electroweak precision tests. Journal of High Energy Physics, 2013, 2013, 1.	4.7	69
24	Anatomy of flavour-changing Z couplings in models with partial compositeness. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
25	New physics in $B \rightarrow K^* \ell^+ \ell^-$. European Physical Journal C, 2013, 73, 1.	3.9	224
26	Flavour physics from an approximate $U(2)_3$ symmetry. Journal of High Energy Physics, 2012, 2012, 1.	4.7	119
27	Cornering new physics in $b \rightarrow s \ell^+ \ell^-$ transitions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	72
28	Minimal flavour violation and beyond. European Physical Journal C, 2012, 72, 1.	3.9	45
29	Anthropic solution to the magnetic muon anomaly: the charged see-saw. Journal of High Energy Physics, 2012, 2012, 1.	4.7	61
30	Model-independent constraints on new physics in $b \rightarrow s \ell^+ \ell^-$ transitions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	83
31	$U(2)$ and Minimal Flavour Violation in Supersymmetry. , 2012, , .		0
32	$U(2)$ and minimal flavour violation in supersymmetry. European Physical Journal C, 2011, 71, 1.	3.9	177
33	CP violation in supersymmetry with Effective Minimal Flavour Violation. Journal of High Energy Physics, 2011, 2011, 1.	4.7	12
34	Viability of MSSM scenarios at very large $\tan \beta$. Journal of High Energy Physics, 2010, 2010, 1.	4.7	30
35	The SUSY CP problem and the MFV principle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 147-153.	4.1	52
36	Anatomy and phenomenology of FCNC and CPV effects in SUSY theories. Nuclear Physics B, 2010, 830, 17-94.	2.5	197

#	ARTICLE	IF	CITATIONS
37	New strategies for new physics search in $B \rightarrow K^{*1/2} \ell \ell$, $B \rightarrow K^{*1/2} \ell \ell$, and $B \rightarrow X^{*1/2} \ell \ell$, decays. Journal of High Energy Physics, 2009, 2009, 022-022.	4.7	116
38	Symmetries and asymmetries of $B \rightarrow K^{*1/4} \ell \ell$ decays in the Standard Model and beyond. Journal of High Energy Physics, 2009, 2009, 019-019.	4.7	392
39	Viable and testable SUSY GUTs with Yukawa unification: the case of split trilinears. Journal of High Energy Physics, 2009, 2009, 059-059.	4.7	21
40	SUSY GUTs with Yukawa unification: A go/no-go study using FCNC processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 385-391.	4.1	66
41	Challenging SO(10) SUSY GUTs with family symmetries through FCNC processes. Journal of High Energy Physics, 2007, 2007, 055-055.	4.7	32