Wolfgang Altmannshofer

List of Publications by Year
in descending order

46	4,177	159585	223800
papers	citations	30 h-index	46 g-index

47	47	47	4086
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Loop-induced determinations of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>V</mml:mi><mml:mrow><mml:mi>u</mml:mi><mml:mi>b</mml:mi></mml:mrow></mml:msub> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>V</mml:mi><mml:mrow><mml:mi>c</mml:mi><mml:mi>b</mml:mi></mml:mrow></mml:msub> Physical Review D, 2022, 105, .	4.7	6
2	Explaining (g â˜’ 2)Î¼ with multi-TeV sleptons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	21
3	Supersymmetric flavor clockwork model. Physical Review D, 2021, 104, .	4.7	1
4	New physics in rare B decays after Moriond 2021. European Physical Journal C, 2021, 81, 952.	3.9	153
5	Addressing <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">R</mml:mi></mml:mrow><mml:mrow><mml:mi>D</mml:mi><mml:mo mathvariant="bold" stretchy="false">(</mml:mo><mml:mo>*</mml:mo><mml:mo mathvariant="bold") Tj ETQq1 1 0.784314 rgBT /Ove	4.7	46
6	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:m Cosmological implications of the KOTO excess. Physical Review D, 2020, 102, .	4.7	3
7	Constraining axionlike particles from rare pion decays. Physical Review D, 2020, 101, .	4.7	23
8	Gauging the accidental symmetries of the standard model, and implications for the flavor anomalies. Physical Review D, 2020, 101, .	4.7	30
9	B-decay discrepancies after Moriond 2019. European Physical Journal C, 2020, 80, 1.	3.9	153
10	Electric dipole moments in a leptoquark scenario for the B-physics anomalies. Journal of High Energy Physics, 2020, 2020, 1.	4.7	26
11	Electron EDM in the complex two-Higgs doublet model. Physical Review D, 2020, 102, .	4.7	23
12	Global Fits of B Decay Anomalies. Springer Proceedings in Physics, 2020, , 401-410.	0.2	0
13	Rare top decays as probes of flavorful Higgs bosons. Physical Review D, 2019, 100, .	4.7	17
14	Non-standard neutrino interactions and low energy experiments. Journal of High Energy Physics, 2019, 2019, 1.	4.7	40
15	Doubly blind spots in scalar dark matter models. Physical Review D, 2019, 100, .	4.7	4
16	Neutrino tridents at DUNE. Physical Review D, 2019, 100, .	4.7	55
17	Light resonances and the low-q2 bin of $$ {R}_{K^{*}} $$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	25
18	Flavorful two-Higgs-doublet models with a twist. Physical Review D, 2018, 98, .	4.7	11

#	Article	IF	Citations
19	The flavor-locked flavorful two Higgs doublet model. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
20	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>R</mml:mi></mml:mrow><mml:mrow><mml:msup><mml:mrow><m stretchy="false">(</mml:mo><mml:mo>*</mml:mo><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (stretchy="false">)</mml:r anomaly: A possible hint for natural supersymmetry with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi></mml. Physic	4.7	131
21	B s â†' Î¼ + Î¼ â^' as current and future probe of new physics. Journal of High Energy Physics, 2017, 2017, 1.	4.7	37
22	Status of the $$Bightarrow K^*mu ^+mu ^-$$ B â†' K â^— Î¼ +. European Physical Journal C, 2017, 77, 1.	3.9	110
23	Interpreting hints for lepton flavor universality violation. Physical Review D, 2017, 96, .	4.7	169
24	750ÂGeV diphoton excess. Physical Review D, 2016, 93, .	4.7	41
25	Uncovering mass generation through Higgs flavor violation. Physical Review D, 2016, 93, .	4.7	51
26	A facility to search for hidden particles at the CERN SPS: the SHiP physics case. Reports on Progress in Physics, 2016, 79, 124201.	20.1	496
27	Collider signatures of flavorful Higgs bosons. Physical Review D, 2016, 94, .	4.7	35
28	Explaining dark matter and B decay anomalies with an L Î¼ â^' L Ï„ model. Journal of High Energy Physics, 2016, 2016, 1.	4.7	148
29	Dark matter signals in dilepton production at hadron colliders. Physical Review D, 2015, 91, .	4.7	11
30	Predictions for lepton flavor universality violation in rare B decays in models with gauged<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>L</mml:mi><mml:mi>Î¼</mml:mi></mml:msub><mml:mo>â^'</mml:mo><mml:msub><mml:mi Physical Review D, 2015, 92, .	4.7	70
31	Experimental constraints on the coupling of the Higgs boson to electrons. Journal of High Energy Physics, 2015, 2015, 1.	4.7	55
32	New physics in $$bightarrow s$$ b â†' s transitions after LHC run 1. European Physical Journal C, 2015, 75, 1.	3.9	237
33	Light dark matter, naturalness, and the radiative origin of the electroweak scale. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
34	Quark flavor transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>L</mml:mi></mml:mrow><mml:mrow><mml:mi>Î¼</mml:mi></mml:mrow> Physical Review D, 2014, 89, .	4.7	287
35	Fermion hierarchy from sfermion anarchy. Journal of High Energy Physics, 2014, 2014, 1.	4.7	16
36	Neutrino Trident Production: A Powerful Probe of New Physics with Neutrino Beams. Physical Review Letters, 2014, 113, 091801.	7.8	340

#	Article	IF	Citations
37	New physics in Bâ†'K âˆ— Î¼Î¼?. European Physical Journal C, 2013, 73, 1.	3.9	224
38	Low energy probes of PeV scale sfermions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	59
39	Indirect probes of the MSSM after the Higgs discovery. Journal of High Energy Physics, 2013, 2013, 1.	4.7	73
40	Minimal flavor violating two-Higgs-doublet model at the LHC. Physical Review D, 2012, 86, .	4.7	50
41	Cornering new physics in b â†' s transitions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	72
42	Model-independent constraints on new physics in b â†' s transitions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	83
43	Viability of MSSM scenarios at very large tan Î². Journal of High Energy Physics, 2010, 2010, 1.	4.7	30
44	Anatomy and phenomenology of FCNC and CPV effects in SUSY theories. Nuclear Physics B, 2010, 830, 17-94.	2.5	197
45	Symmetries and asymmetries ofBâ†'K*Î¼⁺Î¼^{â^'}decays in the Standard Model and beyond. Journal of High Energy Physics, 2009, 2009, 019-019.	4.7	392
46	The MFV limit of the MSSM for low tan Î²: meson mixings revisited. Journal of High Energy Physics, 2007, 2007, 065-065.	4.7	44