Nathaniel Craig

List of Publications by Year
in descending order

58 papers	3,016 citations	201385 27 h-index	155451 55 g-index
60 all docs	60 docs citations	60 times ranked	5970 citing authors

#	Article	IF	Citations
1	A facility to search for hidden particles at the CERN SPS: the SHiP physics case. Reports on Progress in Physics, 2016, 79, 124201.	8.1	496
2	Mini-Split. Journal of High Energy Physics, 2013, 2013, 1.	1.6	242
3	Long-lived particles at the energy frontier: the MATHUSLA physics case. Reports on Progress in Physics, 2019, 82, 116201.	8.1	220
4	Naturalness in the dark at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	1.6	201
5	Searching for long-lived particles beyond the Standard Model at the Large Hadron Collider. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 090501.	1.4	133
6	The hunt for the rest of the Higgs bosons. Journal of High Energy Physics, 2015, 2015, 1.	1.6	113
7	Doubling down on naturalness with a supersymmetric twin Higgs. Journal of High Energy Physics, 2014, 2014, 1.	1.6	100
8	Neutral Naturalness from Orbifold Higgs Models. Physical Review Letters, 2015, 114, 061803.	2.9	91
9	The Higgs portal above threshold. Journal of High Energy Physics, 2016, 2016, 1.	1.6	88
10	New Probe of Naturalness. Physical Review Letters, 2013, 111, 121803.	2.9	75
11	Cosmology in Mirror Twin Higgs and neutrino masses. Journal of High Energy Physics, 2017, 2017, 1.	1.6	75
12	Exclusive signals of an extended Higgs sector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	68
13	A complete model of low-scale gauge mediation. Journal of High Energy Physics, 2013, 2013, 1.	1.6	61
14	Precision Higgsstrahlung as a probe of new physics. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
15	Cosmological signals of a mirror twin Higgs. Journal of High Energy Physics, 2017, 2017, 1.	1.6	59
16	The Orbifold Higgs. Journal of High Energy Physics, 2015, 2015, 1.	1.6	58
17	The muon Smasherâ€™s guide. Reports on Progress in Physics, 2022, 85, 084201.	8.1	56
18	The photophobic ALP. Journal of High Energy Physics, 2018, 2018, 1.	1.6	51

#	Article	IF	Citations
19	Is SMEFT enough?. Journal of High Energy Physics, 2021, 2021, 1.	1.6	50
20	Complete one-loop matching for a singlet scalar in the Standard Model EFT. Journal of High Energy Physics, 2019, 2019, 1.	1.6	46
21	The vector-like twin Higgs. Journal of High Energy Physics, 2016, 2016, 1.	1.6	42
22	Beyond Higgs couplings: probing the Higgs with angular observables at future e + e âˆ’ colliders. Journal of High Energy Physics, 2016, 2016, 1.	1.6	35
23	Loops and trees in generic EFTs. Journal of High Energy Physics, 2020, 2020, 1.	1.6	35
24	The Hyperbolic Higgs. Journal of High Energy Physics, 2018, 2018, 1.	1.6	33
25	Split families unified. Journal of High Energy Physics, 2012, 2012, 1.	1.6	32
26	String photini at the LHC. Physical Review D, 2010, 81, .	1.6	31
27	Searching fortâ†’chwith multileptons. Physical Review D, 2012, 86, .	1.6	29
28	General messenger Higgs mediation. Journal of High Energy Physics, 2013, 2013, 1.	1.6	27
29	Shedding light on diphoton resonances. Physical Review D, 2016, 93, .	1.6	27
30	Multi-lepton signals of multiple Higgs bosons. Journal of High Energy Physics, 2013, 2013, 1.	1.6	26
31	Heavy Higgs bosons at low tan Î²: from the LHC to 100 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	24
32	Disassembling the clockwork mechanism. Journal of High Energy Physics, 2017, 2017, 1.	1.6	24
33	P not PQ. Journal of High Energy Physics, 2021, 2021, 1.	1.6	24
34	Long live the Higgs factory: Higgs decays to long-lived particles at future lepton colliders. Chinese Physics C, 2019, 43, 053101.	1.5	22
35	Unitarity violation and the geometry of Higgs EFTs. Journal of High Energy Physics, 2021, 2021, 1.	1.6	22
36	Higgs fits preference for suppressed down-type couplings: Implications for supersymmetry. Physical Review D, 2012, 86, .	1.6	19

#	Article	IF	Citations
37	Testing split supersymmetry with inflation. Journal of High Energy Physics, 2014, 2014, 1.	1.6	18
38	The weak scale from weak gravity. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
39	Non-decoupling new particles. Journal of High Energy Physics, 2022, 2022, 1.	1.6	14
40	Supersymmetry in the shadow of photini. Journal of High Energy Physics, 2012, 2012, 1.	1.6	13
41	Rescuing massive photons from the Swampland. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
42	Exponential Hierarchies from Anderson Localization in Theory Space. Physical Review Letters, 2018, 120, 221802.	2.9	13
43	Discrete gauge symmetries and the weak gravity conjecture. Journal of High Energy Physics, 2019, 2019, 1.	1.6	13
44	Folded supersymmetry with a twist. Journal of High Energy Physics, 2016, 2016, 1.	1.6	12
45	Ripples in spacetime from broken supersymmetry. Journal of High Energy Physics, 2021, 2021, 1.	1.6	11
46	The second Higgs at the lifetime frontier. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
47	A supersymmetric higgs sector with chiral D-terms. Journal of High Energy Physics, 2013, 2013, 1.	1.6	10
48	Dynamical supersymmetry breaking, with flavor. Physical Review D, 2010, 81, .	1.6	9
49	Multi-lepton signals of the Higgs boson. Journal of High Energy Physics, 2012, 2012, 1.	1.6	9
50	Scherk-Schwarz supersymmetry breaking in 4D. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
51	IR dynamics from UV divergences: UV/IR mixing, NCFT, and the hierarchy problem. Journal of High Energy Physics, 2020, 2020, 1.	1.6	9
52	The UV fate of anomalous U(1)s and the Swampland. Journal of High Energy Physics, 2020, 2020, 1.	1.6	9
53	Twin Turtles. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
54	Gauge mediated mini-split. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5

#	Article	IF	Citations
55	Supersoft Top Squarks. Physical Review Letters, 2020, 125, 151801.	2.9	5
56	Magic zeroes and hidden symmetries. Journal of High Energy Physics, 2022, 2022, 1.	1.6	4
57	Single-sector supersymmetry breaking, chirality, and unification. Physical Review D, 2011, 83, .	1.6	3
58	Exploring peaks and valleys in the diphoton spectrum. Physical Review D, 2016, 94, .	1.6	3