Benjamin Farmer

List of Publications by Year
in descending order

22 papers	828 citations	471509 17 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	3785 citing authors

#	Article	IF	Citations
1	Simple and statistically sound recommendations for analysing physical theories. Reports on Progress in Physics, 2022, 85, 052201.	20.1	9
2	A comparison of optimisation algorithms for high-dimensional particle and astrophysics applications. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
3	Thermal WIMPs and the scale of new physics: global fits of Dirac dark matter effective field theories. European Physical Journal C, 2021, 81, 1.	3.9	17
4	Global analyses of Higgs portal singlet dark matter models using GAMBIT. European Physical Journal C, 2019, 79, 38.	3.9	85
5	Combined collider constraints on neutralinos and charginos. European Physical Journal C, 2019, 79, 1.	3.9	50
6	SpecBit, DecayBit and PrecisionBit: GAMBIT modules for computing mass spectra, particle decay rates and precision observables. European Physical Journal C, 2018, 78, 1.	3.9	21
7	GAMBIT: the global and modular beyond-the-standard-model inference tool. European Physical Journal C, 2018, 78, 1.	3.9	18
8	DarkBit: a GAMBIT module for computing dark matter observables and likelihoods. European Physical Journal C, 2017, 77, 1.	3.9	80
9	Global fits of GUT-scale SUSY models with GAMBIT. European Physical Journal C, 2017, 77, 1.	3.9	70
10	Status of the scalar singlet dark matter model. European Physical Journal C, 2017, 77, 568.	3.9	145
11	Comparison of statistical sampling methods with ScannerBit, the GAMBIT scanning module. European Physical Journal C, 2017, 77, 1.	3.9	49
12	ColliderBit: a GAMBIT module for the calculation of high-energy collider observables and likelihoods. European Physical Journal C, 2017, 77, 1.	3.9	39
13	FlavBit: a GAMBIT module for computing flavour observables and likelihoods. European Physical Journal C, 2017, 77, 1.	3.9	27
14	Bayesian analysis and naturalness of (Next-to-)Minimal Supersymmetric Models. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
15	A global fit of the MSSM with GAMBIT. European Physical Journal C, 2017, 77, 1.	3.9	61
16	GAMBIT: the global and modular beyond-the-standard-model inference tool. European Physical Journal C, 2017, 77, 1.	3.9	41
17	Sensitivity of the Cherenkov Telescope Array to the detection of a dark matter signal in comparison to direct detection and collider experiments. Physical Review D, 2017, 96, .	4.7	21
18	Bayesian naturalness of the CMSSM and CNMSSM. Physical Review D, 2014, 90, .	4.7	21

#	Article	IF	Citations
19	A simple technique for combining simplified models and its application to direct stop production. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
20	Should we still believe in constrained supersymmetry?. European Physical Journal C, 2013, 73, 1.	3.9	28
21	Natural Gauge Mediation with a Bino Next-to-Lightest Supersymmetric Particle at the LHC. Physical Review Letters, 2012, 109, 241801.	7.8	18
22	Status of the scalar singlet dark matter model. , 0, .		1