

Benjamin Farmer

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

828
citations

471509

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713466

21
g-index

22
all docs

22
docs citations

22
times ranked

3785
citing authors

#	ARTICLE	IF	CITATIONS
1	Status of the scalar singlet dark matter model. <i>European Physical Journal C</i> , 2017, 77, 568.	3.9	145
2	Global analyses of Higgs portal singlet dark matter models using GAMBIT. <i>European Physical Journal C</i> , 2019, 79, 38.	3.9	85
3	DarkBit: a GAMBIT module for computing dark matter observables and likelihoods. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	80
4	Global fits of GUT-scale SUSY models with GAMBIT. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	70
5	A global fit of the MSSM with GAMBIT. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	61
6	Combined collider constraints on neutralinos and charginos. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	50
7	Comparison of statistical sampling methods with ScannerBit, the GAMBIT scanning module. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	49
8	GAMBIT: the global and modular beyond-the-standard-model inference tool. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	41
9	ColliderBit: a GAMBIT module for the calculation of high-energy collider observables and likelihoods. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	39
10	Should we still believe in constrained supersymmetry?. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	28
11	FlavBit: a GAMBIT module for computing flavour observables and likelihoods. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	27
12	Bayesian naturalness of the CMSSM and CNMSSM. <i>Physical Review D</i> , 2014, 90, .	4.7	21
13	SpecBit, DecayBit and PrecisionBit: GAMBIT modules for computing mass spectra, particle decay rates and precision observables. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	21
14	Sensitivity of the Cherenkov Telescope Array to the detection of a dark matter signal in comparison to direct detection and collider experiments. <i>Physical Review D</i> , 2017, 96, .	4.7	21
15	Natural Gauge Mediation with a Bino Next-to-Lightest Supersymmetric Particle at the LHC. <i>Physical Review Letters</i> , 2012, 109, 241801.	7.8	18
16	GAMBIT: the global and modular beyond-the-standard-model inference tool. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	18
17	Thermal WIMPs and the scale of new physics: global fits of Dirac dark matter effective field theories. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	17
18	Bayesian analysis and naturalness of (Next-to-)Minimal Supersymmetric Models. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	12

#	ARTICLE	IF	CITATIONS
19	Simple and statistically sound recommendations for analysing physical theories. Reports on Progress in Physics, 2022, 85, 052201.	20.1	9
20	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
21	A comparison of optimisation algorithms for high-dimensional particle and astrophysics applications. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
22	Status of the scalar singlet dark matter model. , 0, .		1