

Mark D Goodsell

List of Publications by Year in descending order

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37
papers

1,401
citations

394421

19
h-index

330143

37
g-index

37
all docs

37
docs citations

37
times ranked

2854
citing authors

#	ARTICLE	IF	CITATIONS
1	Long dead winos. European Physical Journal C, 2022, 82, 1.	3.9	2
2	Dark matter in the CP-violating NMSSM. European Physical Journal C, 2022, 82, .	3.9	2
3	Recasting LHC searches for long-lived particles with MadAnalysis5. European Physical Journal C, 2022, 82, .	3.9	12
4	Neutrino masses, vacuum stability and quantum gravity prediction for the mass of the top quark. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
5	Expectation management. European Physical Journal C, 2021, 81, 1.	3.9	6
6	How heavy can dark matter be? Constraining colourful unitarity with SARAH. European Physical Journal C, 2021, 81, 1.	3.9	4
7	Heavy dark matter through the dilaton portal. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
8	All two-loop scalar self-energies and tadpoles in general renormalisable field theories. European Physical Journal C, 2020, 80, 1.	3.9	14
9	Reinterpretation of LHC Results for New Physics: Status and recommendations after Run 2. SciPost Physics, 2020, 9, .	4.9	28
10	Constraining electroweakinos in the minimal Dirac gaugino model. SciPost Physics, 2020, 9, .	4.9	13
11	Matching renormalisable couplings: simple schemes and a plot. European Physical Journal C, 2019, 79, 1.	3.9	12
12	Improved unitarity constraints in Two-Higgs-Doublet-Models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 206-212.	4.1	13
13	LHC limits on gluinos and squarks in the minimal Dirac gaugino model. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
14	N -loop running should be combined with N -loop matching. Physical Review D, 2018, 97, .	4.7	15
15	Minimal constrained superfields and the Fayet-Iliopoulos model. European Physical Journal C, 2018, 78, 711.	3.9	5
16	Higgs alignment from extended supersymmetry. European Physical Journal C, 2018, 78, 658.	3.9	26
17	Unitarity constraints on general scalar couplings with SARAH. European Physical Journal C, 2018, 78, 649.	3.9	49
18	Cornering sgluons with four-top-quark events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 223-228.	4.1	25

#	ARTICLE	IF	CITATIONS
19	The Higgs mass in the CP violating MSSM, NMSSM and beyond. European Physical Journal C, 2017, 77, 1.	3.9	35
20	Generic calculation of two-body partial decay widths at the full one-loop level. European Physical Journal C, 2017, 77, 758.	3.9	41
21	Supersymmetric and non-supersymmetric models without catastrophic Goldstone bosons. European Physical Journal C, 2017, 77, 757.	3.9	38
22	Leading two-loop corrections to the Higgs boson masses in SUSY models with Dirac gauginos. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
23	Avoiding the Goldstone Boson Catastrophe in general renormalisable field theories at two loops. Journal of High Energy Physics, 2016, 2016, 1.	4.7	26
24	The di-photon excess in a perturbative SUSY model. Nuclear Physics B, 2016, 911, 127-162.	2.5	15
25	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
26	Precision tools and models to narrow in on the 750 GeV diphoton resonance. European Physical Journal C, 2016, 76, 1.	3.9	28
27	The Higgs mass in the MSSM at two-loop order beyond minimal flavour violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 18-25.	4.1	11
28	(O)Mega split. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
29	Two-loop Higgs mass calculations in supersymmetric models beyond the MSSM with SARAH and SPheno. European Physical Journal C, 2015, 75, 1.	3.9	82
30	Two-loop corrections to the Higgs masses in the NMSSM. Physical Review D, 2015, 91, .	4.7	43
31	Dirac gauginos in low scale supersymmetry breaking. Nuclear Physics B, 2014, 889, 650-675.	2.5	24
32	A fake split-supersymmetry model for the 126 GeV Higgs. Journal of High Energy Physics, 2014, 2014, 1.	4.7	18
33	Flavour models with Dirac and fake gluinos. Nuclear Physics B, 2014, 884, 632-671.	2.5	43
34	Dirac gauginos and the 125 GeV Higgs. Journal of High Energy Physics, 2013, 2013, 1.	4.7	65
35	Two-loop RGEs with Dirac gaugino masses. Journal of High Energy Physics, 2013, 2013, 1.	4.7	38
36	Generating $\hat{1}/4$ and $\hat{B}1/4$ in models with Dirac gauginos. Nuclear Physics B, 2011, 851, 445-461.	2.5	51

#	ARTICLE	IF	CITATIONS
37	Easy Dirac gauginos. Journal of High Energy Physics, 2011, 2011, 1.	4.7	52