

# David J Miller

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

521  
citations

840776

11  
h-index

642732

23  
g-index

28  
all docs

28  
docs citations

28  
times ranked

4358  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aspects of CP violation in the $HZZ$ coupling at the LHC. Journal of High Energy Physics, 2007, 2007, 031-031.	4.7	103
2	Invariant mass distributions in cascade decays. Journal of High Energy Physics, 2006, 2006, 034-034.	4.7	80
3	Constraining top quark effective theory in the LHC Run II era. Journal of High Energy Physics, 2016, 2016, 1-32.	4.7	61
4	Global fit of top quark effective theory to data. Physical Review D, 2015, 92, .	4.7	47
5	Constrained exceptional supersymmetric standard model with a Higgs signal near $125\text{ GeV}$ . Physical Review D, 2012, 86, .	4.7	43
6	Reinterpretation of LHC Results for New Physics: Status and recommendations after Run 2. SciPost Physics, 2020, 9, .	4.9	28
7	Boosting Higgs CP properties via $VH$ production at the Large Hadron Collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 275-279.	4.1	27
8	Jet substructure and probes of CP violation in $Vh$ production. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
9	A to Z of the muon anomalous magnetic moment in the MSSM with Pati-Salam at the GUT scale. Journal of High Energy Physics, 2016, 2016, 1.	4.7	12
10	Phenomenology of GUT-inspired gauge-Higgs unification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135261.	4.1	12
11	Class Discovery in Galaxy Classification. Astrophysical Journal, 2005, 618, 723-732.	4.5	11
12	Constraining grand unification using first and second generation sfermions. Physical Review D, 2013, 87, .	4.7	11
13	Next-to-leading order predictions for $WW$ +jet production. Physical Review D, 2015, 92, .	4.7	10
14	Supersymmetric $SU(5)$ grand unification for a post Higgs boson era. Journal of High Energy Physics, 2013, 2013, 1.	4.7	8
15	Gravitational cusp anomalous dimension from AdS space. Physical Review D, 2012, 85, .	4.7	7
16	Supersymmetric $SO(10)$ grand unification at the LHC and beyond. Journal of High Energy Physics, 2014, 2014, 1.	4.7	7
17	The Weinberg angle and 5D RGE effects in a $SO(11)$ GUT theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135548.	4.1	7
18	High scale boundary conditions with an additional complex singlet. Physical Review D, 2018, 97, .	4.7	6

#	ARTICLE	IF	CITATIONS
19	High scale boundary conditions in models with two Higgs doublets. Physical Review D, 2019, 100, .	4.7	6
20	The Multiple Point Principle and Extended Higgs Sectors. Frontiers in Physics, 2019, 7, .	2.1	6
21	Improved constraints on effective top quark interactions using edge convolution networks. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
22	Objective Subclass Determination of Sloan Digital Sky Survey Spectroscopically Unclassified Objects. Astrophysical Journal, 2006, 649, 678-691.	4.5	3
23	TopFitter: Fitting top-quark Wilson Coefficients to Run II data. , 2019, , .		3
24	Hadronic returns to the Z in electron-positron annihilation at high energy. Journal of High Energy Physics, 1999, 1999, 014-014.	4.7	2
25	Working group report: Collider Physics. Pramana - Journal of Physics, 2006, 67, 617-637.	1.8	2
26	The Constrained E6SSM. , 2010, , .		0
27	Results from TopFitter. , 2017, , .		0
28	Confronting Scherk-Schwartz orbifold models with LHC data. , 2019, , .		0