

# David J Miller

## List of Publications by Year in descending order

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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	Improved constraints on effective top quark interactions using edge convolution networks. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
2	Phenomenology of GUT-inspired gauge-Higgs unification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135261.	4.1	12
3	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
4	Reinterpretation of LHC Results for New Physics: Status and recommendations after Run 2. SciPost Physics, 2020, 9, .	4.9	28
5	High scale boundary conditions in models with two Higgs doublets. Physical Review D, 2019, 100, .	4.7	6
6	The Multiple Point Principle and Extended Higgs Sectors. Frontiers in Physics, 2019, 7, .	2.1	6
7	TopFitter: Fitting top-quark Wilson Coefficients to Run II data. , 2019, , .		3
8	Confronting Scherk-Schwartz orbifold models with LHC data. , 2019, , .		0
9	High scale boundary conditions with an additional complex singlet. Physical Review D, 2018, 97, .	4.7	6
10	Results from TopFitter. , 2017, , .		0
11	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
12	Constraining top quark effective theory in the LHC Run II era. Journal of High Energy Physics, 2016, 2016, 1-32.	4.7	61
13	Global fit of top quark effective theory to data. Physical Review D, 2015, 92, .	4.7	47
14	Next-to-leading order predictions for $WW+jet$ production. Physical Review D, 2015, 92, .	4.7	10
15	Jet substructure and probes of CP violation in $V_h$ production. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
16	Supersymmetric SO(10) grand unification at the LHC and beyond. Journal of High Energy Physics, 2014, 2014, 1.	4.7	7
17	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
18	Supersymmetric SU(5) grand unification for a post Higgs boson era. Journal of High Energy Physics, 2013, 2013, 1.	4.7	8

#	ARTICLE	IF	CITATIONS
19	Constraining grand unification using first and second generation sfermions. Physical Review D, 2013, 87, .	4.7	11
20	Constrained exceptional supersymmetric standard model with a Higgs signal near 125ÅGeV. Physical Review D, 2012, 86, .	4.7	43
21	Gravitational cusp anomalous dimension from AdS space. Physical Review D, 2012, 85, .	4.7	7
22	The Constrained E6SSM. , 2010, , .		0
23	Aspects of CP violation in the $\langle i \rangle HZZ \langle /i \rangle$ coupling at the LHC. Journal of High Energy Physics, 2007, 2007, 031-031.	4.7	103
24	Objective Subclass Determination of Sloan Digital Sky Survey Spectroscopically Unclassified Objects. Astrophysical Journal, 2006, 649, 678-691.	4.5	3
25	Working group report: Collider Physics. Pramana - Journal of Physics, 2006, 67, 617-637.	1.8	2
26	Invariant mass distributions in cascade decays. Journal of High Energy Physics, 2006, 2006, 034-034.	4.7	80
27	Class Discovery in Galaxy Classification. Astrophysical Journal, 2005, 618, 723-732.	4.5	11
28	Hadronic returns to the Z in electron-positron annihilation at high energy. Journal of High Energy Physics, 1999, 1999, 014-014.	4.7	2