

# Lawrence J Hall

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4101478/publications.pdf>

Version: 2024-02-01

41  
papers

3,366  
citations

257450

24  
h-index

276875

41  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Freeze-in production of FIMP dark matter. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	783
2	Improved naturalness with a heavy Higgs boson: An alternative road to CERN LHC physics. <i>Physical Review D</i> , 2006, 74, .	4.7	636
3	A natural SUSY Higgs near 125 GeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	401
4	Spread Supersymmetry. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	137
5	Spread Supersymmetry with $\tilde{W}$ LSP: gluino and dark matter signals. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	109
6	Axion Kinetic Misalignment Mechanism. <i>Physical Review Letters</i> , 2020, 124, 251802.	7.8	103
7	A finely-predicted Higgs boson mass from a finely-tuned weak scale. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	91
8	Supersymmetry without a light Higgs boson. <i>Physical Review D</i> , 2007, 75, .	4.7	90
9	Self-breaking of the standard model gauge symmetry. <i>Physical Review D</i> , 2000, 62, .	4.7	81
10	CMB signals of neutrino mass generation. <i>Physical Review D</i> , 2004, 70, .	4.7	81
11	Origins of hidden sector dark matter I: cosmology. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	73
12	QCD Axion Dark Matter with a Small Decay Constant. <i>Physical Review Letters</i> , 2018, 120, 211602.	7.8	69
13	Minimal mirror twin Higgs. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	66
14	Predictions for axion couplings from ALPogenesis. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	52
15	ALTERNATIVE LOW ENERGY SUPERSYMMETRY. <i>Modern Physics Letters A</i> , 1990, 05, 467-472.	1.2	44
16	750 GeV diphotons: implications for supersymmetric unification. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	43
17	Implications of Higgs discovery for the strong CP problem and unification. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	40
18	Axion kinetic misalignment and parametric resonance from inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 036-036.	5.4	39

#	ARTICLE	IF	CITATIONS
19	The weak scale from BBN. Journal of High Energy Physics, 2014, 2014, 1.	4.7	36
20	Evolving Dark Energy with $w \approx -1$ . Physical Review Letters, 2005, 95, 141302.	7.8	29
21	Origins of hidden sector dark matter II: collider physics. Journal of High Energy Physics, 2011, 2011, 1.	4.7	28
22	Effective theory of flavor for Minimal Mirror Twin Higgs. Journal of High Energy Physics, 2017, 2017, 1.	4.7	27
23	Lepto-axiogenesis. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
24	Gravitino or axino dark matter with reheat temperature as high as 1016 GeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	26
25	Grand unification and intermediate scale supersymmetry. Journal of High Energy Physics, 2014, 2014, 1.	4.7	23
26	Yukawa unification and the superpartner mass scale. Journal of High Energy Physics, 2012, 2012, 1.	4.7	22
27	Supersymmetric axion grand unified theories and their predictions. Physical Review D, 2016, 94, .	4.7	22
28	Higgs Parity, strong CP and dark matter. Journal of High Energy Physics, 2019, 2019, 1.	4.7	22
29	Dark matter, dark radiation and gravitational waves from mirror Higgs parity. Journal of High Energy Physics, 2020, 2020, 1.	4.7	21
30	Statistical understanding of quark and lepton masses in Gaussian landscapes. Physical Review D, 2007, 76, .	4.7	20
31	Quark and Lepton Masses from Gaussian Landscapes. Physical Review Letters, 2008, 100, 141801.	7.8	18
32	Sterile neutrino dark matter in left-right theories. Journal of High Energy Physics, 2020, 2020, 1.	4.7	18
33	Taming the runaway problem of inflationary landscapes. Physical Review D, 2006, 73, .	4.7	17
34	Higgs Parity grand unification. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
35	Saxion cosmology for thermalized gravitino dark matter. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
36	Sterile neutrino dark matter and leptogenesis in Left-Right Higgs Parity. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11

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37	750 GeV diphotons: implications for supersymmetric unification II. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
38	Neutrino mixing and mass hierarchy in Gaussian landscapes. Physical Review D, 2009, 79, .	4.7	7
39	Radiative PQ breaking and the Higgs boson mass. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
40	Higgs mass and unified gauge coupling in the NMSSM with vector matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	6
41	Dark matter detection, Standard Model parameters and Intermediate Scale Supersymmetry. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3