

Liam McAllister

List of Publications by Year in descending order

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55
papers

5,586
citations

126708

33
h-index

168136

53
g-index

56
all docs

56
docs citations

56
times ranked

1778
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards inflation in string theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2003, 2003, 013-013.	1.9	958
2	Gravity waves and linear inflation from axion monodromy. <i>Physical Review D</i> , 2010, 82, .	1.6	557
3	Oscillations in the CMB from axion monodromy inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 009-009.	1.9	310
4	String cosmology: a review. <i>General Relativity and Gravitation</i> , 2008, 40, 565-605.	0.7	255
5	Probing Inflation with CMB Polarization. , 2009, , .		252
6	Beauty is Attractive: Moduli Trapping at Enhanced Symmetry Points. <i>Journal of High Energy Physics</i> , 2004, 2004, 030-030.	1.6	227
7	On D3-brane potentials in compactifications with fluxes and wrapped D-branes. <i>Journal of High Energy Physics</i> , 2006, 2006, 031-031.	1.6	185
8	Towards an explicit model of D-brane inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 024.	1.9	183
9	The powers of monodromy. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	170
10	A microscopic limit on gravitational waves from D-brane inflation. <i>Physical Review D</i> , 2007, 75, .	1.6	156
11	A Delicate Universe: Compactification Obstacles to D-brane Inflation. <i>Physical Review Letters</i> , 2007, 99, 141601.	2.9	133
12	Random matrices and the spectrum of N-flation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 018-018.	1.9	131
13	Advances in Inflation in String Theory. <i>Annual Review of Nuclear and Particle Science</i> , 2009, 59, 67-94.	3.5	116
14	D3-brane potentials from fluxes in AdS/CFT. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	108
15	Planckian axions and the Weak Gravity Conjecture. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	91
16	Heterotic moduli stabilization with fractional Chern-Simons invariants. <i>Physical Review D</i> , 2004, 69, .	1.6	84
17	The wasteland of random supergravities. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	75
18	A statistical approach to multifield inflation: many-field perturbations beyond slow roll. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 046-046.	1.9	74

#	ARTICLE	IF	CITATIONS
19	Holographic systematics of D-brane inflation. <i>Journal of High Energy Physics</i> , 2009, 2009, 093-093.	1.6	72
20	Sequestering in string theory. <i>Journal of High Energy Physics</i> , 2007, 2007, 013-013.	1.6	70
21	Vacua with Small Flux Superpotential. <i>Physical Review Letters</i> , 2020, 124, 211603.	2.9	68
22	Universality in D-brane inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 002-002.	1.9	64
23	The Kreuzer-Skarke axiverse. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	63
24	Superradiance in string theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 033.	1.9	58
25	Planck-suppressed operators. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 033-033.	1.9	54
26	Aligned natural inflation in string theory. <i>Physical Review D</i> , 2014, 90, .	1.6	53
27	Charting an Inflationary Landscape with Random Matrix Theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 040-040.	1.9	52
28	Challenges for string cosmology. <i>Classical and Quantum Gravity</i> , 2011, 28, 204002.	1.5	49
29	Bouncing brane cosmologies from warped string compactifications. <i>Journal of High Energy Physics</i> , 2003, 2003, 018-018.	1.6	47
30	Small cosmological constants in string theory. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	43
31	Chaotic inflation with kinetic alignment of axion fields. <i>Physical Review D</i> , 2015, 91, .	1.6	39
32	Heavy tails in Calabi-Yau moduli spaces. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	37
33	Conifold Vacua with Small Flux Superpotential. <i>Fortschritte Der Physik</i> , 2020, 68, 2000085.	1.5	36
34	Sequestering in string compactifications. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	35
35	An inflaton mass problem in string inflation from threshold corrections to volume stabilization. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 010-010.	1.9	33
36	Supersymmetric vacua in random supergravity. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	33

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37	Drifting oscillations in axion monodromy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 055-055.	1.9	31
38	Planckian axions in string theory. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-36.	1.6	30
39	Runaway relaxion monodromy. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	29
40	Relativistic D-brane Scattering is Extremely Inelastic. <i>Journal of High Energy Physics</i> , 2005, 2005, 019-019.	1.6	28
41	Effects of Compactification in D-brane Inflation. <i>Physical Review Letters</i> , 2010, 104, 251602.	2.9	28
42	Dynamic SU(2) structure from seven-branes. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	27
43	Systematics of axion inflation in Calabi-Yau hypersurfaces. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	26
44	Exponentially Small Cosmological Constant in String Theory. <i>Physical Review Letters</i> , 2022, 128, 011602.	2.9	26
45	Moduli spaces in AdS 4 supergravity. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	25
46	D3-brane vacua in stabilized compactifications. <i>Journal of High Energy Physics</i> , 2007, 2007, 121-121.	1.6	24
47	Bounding the Kreuzer-Skarke Landscape. <i>Fortschritte Der Physik</i> , 2020, 68, 2000086.	1.5	22
48	A toolkit for perturbing flux compactifications. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	17
49	Minimal surfaces and weak gravity. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	17
50	de Sitter vacua from ten dimensions. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	12
51	D-brane bremsstrahlung. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	10
52	Instanton resummation and the Weak Gravity Conjecture. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	3
53	Monodromy charge in D7-brane inflation. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	2
54	The Hodge Numbers of Divisors of Calabi-Yau Threefold Hypersurfaces. <i>Fortschritte Der Physik</i> , 2020, 68, 2000087.	1.5	1

#	ARTICLE	IF	CITATIONS
55	On chiral mesons in AdS/CFT. Journal of High Energy Physics, 2014, 2014, 1.	1.6	0