

Lukas T Witkowski

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

950
citations

430874

18
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	D7-brane chaotic inflation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 737, 16-22.	4.1	108
2	Winding out of the Swamp: Evading the weak gravity conjecture with F-term winding inflation?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 748, 455-462.	4.1	104
3	PBH dark matter from axion inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 048-048.	5.4	82
4	Oscillations in the stochastic gravitational wave background from sharp features and particle production during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 030.	5.4	70
5	Tuning and backreaction in F-term axion monodromy inflation. <i>Nuclear Physics B</i> , 2015, 894, 456-495.	2.5	60
6	Flat monodromies and a Moduli Space Size Conjecture. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	49
7	Can gravitational instantons really constrain axion inflation?. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	48
8	Soft X-ray excess in the Coma cluster from a Cosmic Axion Background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 026-026.	5.4	46
9	What is the magnetic Weak Gravity Conjecture for axions?. <i>Fortschritte Der Physik</i> , 2017, 65, 1700011.	4.4	36
10	Dark Radiation predictions from general Large Volume Scenarios. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	34
11	Monodromy Dark Matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 036-036.	5.4	31
12	Resonant features in the stochastic gravitational wave background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 059.	5.4	28
13	Primordial gravitational waves from excited states. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	28
14	Holographic RG flows on curved manifolds and quantum phase transitions. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	27
15	Kinetic mixing of $U(1)$'s for local string models. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	26
16	Axion monodromy inflation with warped KK-modes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 754, 328-334.	4.1	24
17	Expansion history-dependent oscillations in the scalar-induced gravitational wave background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 028.	5.4	19
18	Holographic RG flows on curved manifolds and the F-theorem. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	18

#	ARTICLE	IF	CITATIONS
19	Scattering and sequestering of blow-up moduli in local string models. Journal of High Energy Physics, 2011, 2011, 1.	4.7	17
20	Musings on cosmological relaxation and the hierarchy problem. Physical Review D, 2016, 93, .	4.7	16
21	Superpotential de-sequestering in string models. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
22	Gravitational waves from axion monodromy. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 003-003.	5.4	14
23	De Sitter and Anti-de Sitter branes in self-tuning models. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
24	Detecting primordial features with LISA. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 020.	5.4	10
25	Revisiting Coleman-de Luccia transitions in the AdS regime using holography. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
26	Quenched random disorder and x-ray scattering in smectic elastomers. Physical Review E, 2009, 80, 051701.	2.1	7
27	Axion RG flows and the holographic dynamics of instanton densities. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 454003.	2.1	6
28	The Self-tuning of the Cosmological Constant and the Holographic Relaxion. Fortschritte Der Physik, 2021, 69, 2000098.	4.4	2
29	Back-reaction in massless de Sitter QFTs: holography, gravitational DBI action and $f(R)$ gravity. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 040-040.	5.4	2
30	Instanton induced Yukawa couplings from distant E_3 and $E(-1)$ instantons. Journal of High Energy Physics, 2016, 2016, 1.	4.7	1