Scott Watson

List of Publications by Year in descending order

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30 papers	1,818 citations	304743 22 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	1520 citing authors

#	Article	IF	Citations
1	The classical double copy in three spacetime dimensions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	60
2	Concentrated dark matter: Enhanced small-scale structure from codecaying dark matter. Physical Review D, 2018, 97, .	4.7	39
3	Was the Universe actually radiation dominated prior to nucleosynthesis?. Physical Review D, 2017, 96, .	4.7	22
4	Toward an effective field theory approach to reheating. Physical Review D, 2017, 96, .	4.7	12
5	Planck constraint on relic primordial black holes. Physical Review D, 2017, 95, .	4.7	72
6	A preferred mass range for primordial black hole formation and black holes as dark matter revisited. Journal of High Energy Physics, 2017, 2017, 1.	4.7	49
7	Thermal history of the universe after inflation. AIP Conference Proceedings, 2016, , .	0.4	0
8	Nonthermal WIMPs and primordial black holes. Physical Review D, 2016, 93, .	4.7	27
9	Bringing isolated dark matter out of isolation: Late-time reheating and indirect detection. Physical Review D, 2016, 94, .	4.7	30
10	Cosmological moduli and the post-inflationary universe: A critical review. International Journal of Modern Physics D, 2015, 24, 1530022.	2.1	132
11	Nonthermal histories and implications for structure formation. Physical Review D, 2014, 90, .	4.7	63
12	Constraining supersymmetry with heavy scalars: Using the CMB. Physical Review D, 2014, 89, .	4.7	20
13	Supersymmetry, nonthermal dark matter, and precision cosmology. Physical Review D, 2014, 89, .	4.7	42
14	Cosmological implications of the effective field theory of cosmic acceleration. Physical Review D, 2013, 87, .	4.7	23
15	The baryon-dark matter ratio via moduli decay after Affleck-Dine baryogenesis. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 012-012.	5.4	39
16	Constraints on a nonthermal history from Galactic dark matter spikes. Physical Review D, 2011, 84, .	4.7	7
17	Reevaluating the Cosmological Origin of Dark Matter. Advanced Series on Directions in High Energy Physics, 2010, , 305-324.	0.7	9
18	PAMELA satellite data as a signal of non-thermal wino LSP dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 151-160.	4.1	93

#	Article	IF	Citations
19	Is the PAMELA positron excess winos?. Physical Review D, 2009, 79, .	4.7	65
20	Nonthermal â€œWIMP miracleâ€• Physical Review D, 2009, 80, .	4.7	112
21	Probing Inflation with CMB Polarization. , 2009, , .		252
22	Non-thermal dark matter and the moduli problem in string frameworks. Journal of High Energy Physics, 2008, 2008, 064-064.	4.7	162
23	Geometric precipices in string cosmology. Physical Review D, 2008, 77, .	4.7	21
24	Cosmological moduli dynamics. Journal of High Energy Physics, 2007, 2007, 060-060.	4.7	29
25	String gas cosmology. Reviews of Modern Physics, 2006, 78, 435-454.	45.6	164
26	Linear Perturbations in Brane Gas Cosmology. Journal of High Energy Physics, 2004, 2004, 045-045.	4.7	31
27	Effective field theory approach to string gas cosmology. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 001-001.	5.4	40
28	UV perturbations in brane gas cosmology. Physical Review D, 2004, 70, .	4.7	17
29	Moduli stabilization with the string Higgs effect. Physical Review D, 2004, 70, .	4.7	97
30	Stabilization of extra dimensions at tree level. Journal of Cosmology and Astroparticle Physics, 2003, 2003, 008-008.	5.4	89