

# Martin S Sloth

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,965  
citations

218677

26  
h-index

289244

40  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adiabatic CMB perturbations in pre-Big-Bang string cosmology. Nuclear Physics B, 2002, 626, 395-409.	2.5	691
2	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. Journal of High Energy Astrophysics, 2022, 34, 49-211.	6.7	350
3	On the one loop corrections to inflation and the CMB anisotropies. Nuclear Physics B, 2006, 748, 149-169.	2.5	150
4	Planckian Interacting Massive Particles as Dark Matter. Physical Review Letters, 2016, 116, 101302.	7.8	131
5	Semiclassical relations and IR effects in de Sitter and slow-roll space-times. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 023-023.	5.4	124
6	Resolving the Hubble tension with new early dark energy. Physical Review D, 2020, 102, .	4.7	119
7	On resumming inflationary perturbations beyond one-loop. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 030.	5.4	118
8	Inflationary magnetogenesis without the strong coupling problem. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 004-004.	5.4	106
9	Cosmological observables, infrared growth of fluctuations, and scale-dependent anisotropies. Physical Review D, 2011, 84, .	4.7	100
10	On the one-loop corrections to inflation II: The consistency relation. Nuclear Physics B, 2007, 775, 78-94.	2.5	91
11	New early dark energy. Physical Review D, 2021, 103, .	4.7	90
12	Theory and phenomenology of Planckian interacting massive particles as dark matter. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 027-027.	5.4	87
13	Inflationary magnetogenesis without the strong coupling problem II: constraints from CMB anisotropies and B-modes. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 053-053.	5.4	73
14	Universal constraints on axions from inflation. Journal of High Energy Physics, 2014, 2014, 1.	4.7	70
15	Cosmological diagrammatic rules. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 015-015.	5.4	62
16	On the validity of the perturbative description of axions during inflation. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 039-039.	5.4	61
17	New early dark energy is compatible with current LSS data. Physical Review D, 2021, 103, .	4.7	48
18	Consistency relation for cosmic magnetic fields. Physical Review D, 2012, 86, .	4.7	41

#	ARTICLE	IF	CITATIONS
19	On the non-Gaussian correlation of the primordial curvature perturbation with vector fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 003-003.	5.4	39
20	How robust are inflation model and dark matter constraints from cosmological data?. <i>Physical Review D</i> , 2007, 75, .	4.7	36
21	Early cosmological evolution of primordial electromagnetic fields. <i>Physical Review D</i> , 2019, 100, .	4.7	36
22	Inflationary trispectrum from graviton exchange. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 018-018.	5.4	33
23	The de Sitter limit of inflation and non-linear perturbation theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008, 2008, 013.	5.4	29
24	Fluctuating geometries, $q$ -observables, and infrared growth in inflationary spacetimes. <i>Physical Review D</i> , 2012, 86, .	4.7	29
25	Hot new early dark energy. <i>Physical Review D</i> , 2022, 105, .	4.7	27
26	Constraints on gauge field production during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 012-012.	5.4	26
27	Charged planckian interacting dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 021-021.	5.4	25
28	Non-gaussianity from axion monodromy inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 001-001.	5.4	24
29	Strongly scale-dependent non-Gaussianity. <i>Physical Review D</i> , 2011, 83, .	4.7	23
30	Asymptotic symmetries in de Sitter and inflationary spacetimes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 033-033.	5.4	22
31	Probing correlations of early magnetic fields using $\hat{1}/4$ -distortion. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 018-018.	5.4	20
32	Large field inflation and gravitational entropy. <i>Physical Review D</i> , 2016, 93, .	4.7	18
33	The probability equation for the cosmological comoving curvature perturbation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 003-003.	5.4	17
34	Patent observers and non-perturbative infrared dynamics in inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 055-055.	5.4	11
35	Gravitational atoms. <i>Physical Review D</i> , 2019, 99, .	4.7	10
36	Radiative corrections from heavy fast-roll fields during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 016-016.	5.4	7

#	ARTICLE	IF	CITATIONS
37	ON THE EFFECTIVE EQUATION OF STATE OF DARK ENERGY. International Journal of Modern Physics D, 2010, 19, 2259-2264.	2.1	5
38	Gravitational absorption lines. Physical Review D, 2020, 101, .	4.7	4
39	On the primordial correlation of gravitons with gauge fields. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 054.	5.4	2