

Anastasios Avgoustidis

List of Publications by Year in descending order

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27
papers

1,147
citations

759233

12
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1476
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmology and fundamental physics with the Euclid satellite. <i>Living Reviews in Relativity</i> , 2018, 21, 2.	26.7	602
2	Constraints on cosmic opacity and beyond the standard model physics from cosmological distance measurements. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 024-024.	5.4	101
3	CMB constraints on cosmic strings and superstrings. <i>Physical Review D</i> , 2016, 93, .	4.7	82
4	Consistency among distance measurements: transparency, BAO scale and accelerated expansion. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 012-012.	5.4	71
5	Decoupling survives inflation: a critical look at effective field theory violations during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 025-025.	5.4	53
6	Extending the velocity-dependent one-scale model for domain walls. <i>Physical Review D</i> , 2016, 93, .	4.7	43
7	The importance of slow-roll corrections during multi-field inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 038-038.	5.4	34
8	Understanding the suppression of structure formation from dark matter-dark energy momentum coupling. <i>Physical Review D</i> , 2020, 101, .	4.7	29
9	Subpercent constraints on the cosmological temperature evolution. <i>Physical Review D</i> , 2016, 93, .	4.7	21
10	Effect of kinematic constraints on multitension string network evolution. <i>Physical Review D</i> , 2010, 81, .	4.7	20
11	Fast analytic computation of cosmic string power spectra. <i>Physical Review D</i> , 2012, 86, .	4.7	17
12	Semianalytic calculation of cosmic microwave background anisotropies from wiggly and superconducting cosmic strings. <i>Physical Review D</i> , 2017, 96, .	4.7	13
13	Stretching and Kibble scaling regimes for Hubble-damped defect networks. <i>Physical Review D</i> , 2016, 94, .	4.7	12
14	Zippering and unzipping in string networks: Dynamics of Y-junctions. <i>Physical Review D</i> , 2015, 91, .	4.7	10
15	Analog cosmology with two-fluid systems in a strong gradient magnetic field. <i>Physical Review E</i> , 2019, 99, 031101.	2.1	8
16	Dynamics of junctions and the multitension velocity-dependent one-scale model. <i>Physical Review D</i> , 2019, 99, .	4.7	6
17	Cosmic superstring trajectories in warped compactifications. <i>Physical Review D</i> , 2012, 86, .	4.7	5
18	Evolution of semilocal string networks. II. Velocity estimators. <i>Physical Review D</i> , 2017, 96, .	4.7	5

#	ARTICLE	IF	CITATIONS
19	Early dark energy constraints on growing neutrino quintessence cosmologies. Physical Review D, 2019, 100, .	4.7	5
20	Collisions of cosmic strings with chiral currents. Physical Review D, 2018, 98, .	4.7	4
21	Cosmological evolution of semilocal string networks. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20190004.	3.4	2
22	Cusp properties of high harmonic loops. Physical Review D, 2021, 103, .	4.7	2
23	Deconstructing higher order clockwork gravity. Physical Review D, 2021, 103, .	4.7	2
24	Consistency checks in the $\hat{\Lambda}$ CDM: transparency, BAO scale and $\hat{\Lambda}$ -domination. Nuclear Physics, Section B, Proceedings Supplements, 2009, 194, 173-177.	0.4	0
25	New Cosmological Constraints on Axions and Axion-Like Particles. Journal of Physics: Conference Series, 2011, 283, 012003.	0.4	0
26	GRAVITATIONAL SHOCKS AS A KEY INGREDIENT OF GAMMA-RAY BURSTS. International Journal of Modern Physics A, 2012, 27, 1250110.	1.5	0
27	Effect of high harmonic loops on gravitational wave bounds from cosmic strings. Physical Review D, 2021, 104, .	4.7	0