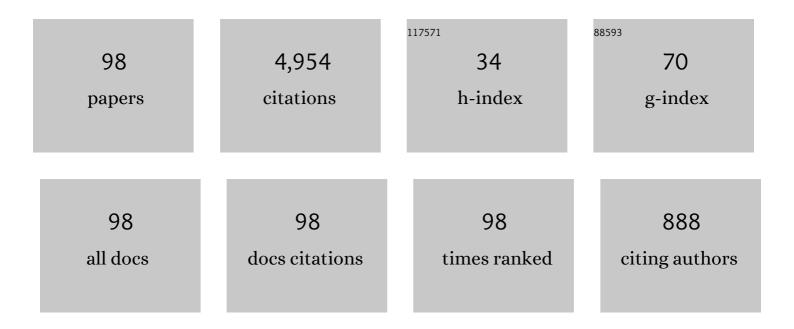
List of Publications by Year in descending order

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ADILIN REDEDA

#	Article	IF	CITATIONS
1	Warm Inflation. Physical Review Letters, 1995, 75, 3218-3221.	2.9	587
2	Thermally Induced Density Perturbations in the Inflation Era. Physical Review Letters, 1995, 74, 1912-1915.	2.9	312
3	Scalar perturbation spectra from warm inflation. Physical Review D, 2004, 69, .	1.6	241
4	Warm inflation and its microphysical basis. Reports on Progress in Physics, 2009, 72, 026901.	8.1	227
5	Warm inflation in the adiabatic regime — a model, an existence proof for inflationary dynamics in quantum field theory. Nuclear Physics B, 2000, 585, 666-714.	0.9	219
6	Strong dissipative behavior in quantum field theory. Physical Review D, 1998, 58, .	1.6	204
7	Interpolating the stage of exponential expansion in the early universe: Possible alternative with no reheating. Physical Review D, 1997, 55, 3346-3357.	1.6	188
8	Thermal properties of an inflationary universe. Physical Review D, 1996, 54, 2519-2534.	1.6	162
9	Perturbation spectra in the warm inflationary scenario. Physical Review D, 2000, 62, .	1.6	153
10	WARM INFLATION MODEL BUILDING. International Journal of Modern Physics A, 2009, 24, 2207-2240.	0.5	149
11	The importance of being warm (during inflation). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 116-121.	1.5	135
12	A First Principles Warm Inflation Model that Solves the Cosmological Horizon and Flatness Problems. Physical Review Letters, 1999, 83, 264-267.	2.9	132
13	Dissipation coefficients from scalar and fermion quantum field interactions. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 033-033.	1.9	129
14	General dissipation coefficient in low-temperature warm inflation. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 016-016.	1.9	125
15	Warm Little Inflaton. Physical Review Letters, 2016, 117, 151301.	2.9	125
16	Shear viscous effects on the primordial power spectrum from warm inflation. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 030-030.	1.9	98
17	Affinity for scalar fields to dissipate. Physical Review D, 2001, 63, .	1.6	89
18	Construction of a robust warm inflation mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 567, 294-304.	1.5	88

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19	Non-Gaussian signatures in the cosmic background radiation from warm inflation. Physical Review D, 2002, 66, .	1.6	82
20	Cosmological fluctuations of a random field and radiation fluid. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 004-004.	1.9	63
21	Warm baryogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 425-429.	1.5	56
22	The warm inflationary universe. Contemporary Physics, 2006, 47, 33-49.	0.8	54
23	Observational implications of mattergenesis during inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 053-053.	1.9	50
24	Dynamics of interacting scalar fields in expanding space-time. Physical Review D, 2005, 71, .	1.6	48
25	Ubiquitous Inflaton in String-Inspired Models. Physical Review Letters, 1999, 83, 1084-1087.	2.9	47
26	Determining the regimes of cold and warm inflation in the supersymmetric hybrid model. Physical Review D, 2005, 71, .	1.6	45
27	Asymmetric inflation: Exact solutions. Physical Review D, 2006, 73, .	1.6	45
28	Theory of non-Gaussianity in warm inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 008-008.	1.9	43
29	Warm hilltop inflation. Physical Review D, 2008, 77, .	1.6	40
30	Stability analysis for the background equations for inflation with dissipation and in a viscous radiation bath. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 042-042.	1.9	39
31	Warming up brane-antibrane inflation. Physical Review D, 2011, 84, .	1.6	38
32	Attempt to determine the largest scale of primordial density perturbations in the universe. Physical Review D, 1998, 57, 2207-2212.	1.6	36
33	Local approximations for effective scalar field equations of motion. Physical Review D, 2007, 76, .	1.6	36
34	Trans-Planckian censorship and other swampland bothers addressed in warm inflation. Physical Review D, 2019, 100, .	1.6	34
35	Constraining warm inflation with the cosmic microwave background. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 1-6.	1.5	33
36	Dynamical and observational constraints on the warm little inflaton scenario. Physical Review D, 2018, 98, .	1.6	33

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37	Inflationary initial conditions consistent with causality. Physical Review D, 2001, 63, .	1.6	32
38	Absence of isentropic expansion in various inflation models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 607, 1-7.	1.5	31
39	Warm inflation dynamics in the low temperature regime. Physical Review D, 2007, 76, .	1.6	31
40	Gauge Symmetry and Slavnov-Taylor Identities for Randomly Stirred Fluids. Physical Review Letters, 2007, 99, 254501.	2.9	29
41	Nonuniversality and Finite Dissipation in Decaying Magnetohydrodynamic Turbulence. Physical Review Letters, 2015, 114, 235001.	2.9	27
42	Towards a reliable effective field theory of inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136055.	1.5	27
43	Taylor's (1935) dissipation surrogate reinterpreted. Physics of Fluids, 2010, 22, .	1.6	26
44	Energy transfer and dissipation in forced isotropic turbulence. Physical Review E, 2015, 91, 043013.	0.8	26
45	Chaotic Properties of a Turbulent Isotropic Fluid. Physical Review Letters, 2018, 120, 024101.	2.9	25
46	Hybrid quintessential inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 157-163.	1.5	24
47	Warm inflation within a supersymmetric distributed mass model. Physical Review D, 2019, 99, .	1.6	23
48	The interaction structure and cosmological relevance of mass scales in string motivated supersymmetric theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 456, 135-140.	1.5	22
49	Warming up for Planck. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 025-025.	1.9	22
50	Helical mode interactions and spectral transfer processes in magnetohydrodynamic turbulence. Journal of Fluid Mechanics, 2016, 791, 61-96.	1.4	22
51	Magnetic helicity and the evolution of decaying magnetohydrodynamic turbulence. Physical Review E, 2014, 90, 041003.	0.8	21
52	The role of fluctuation-dissipation dynamics in setting initial conditions for inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 002-002.	1.9	20
53	Identifying universality in warm inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 021-021.	1.9	20
54	Exploring the parameter space of warm-inflation models. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 046-046.	1.9	19

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55	Gravitino cosmology in supersymmetric warm inflation. Physical Review D, 2012, 86, .	1.6	18
56	Spectral analysis of structure functions and their scaling exponents in forced isotropic turbulence. Physical Review E, 2014, 90, 053010.	0.8	18
57	Sneutrino warm inflation in the minimal supersymmetric model. Physical Review D, 2005, 72, .	1.6	16
58	Gauge fixing, BRS invariance and Ward identities for randomly stirred flows. Nuclear Physics B, 2009, 814, 522-548.	0.9	16
59	Role of trans-Planckian modes in cosmology. Journal of High Energy Physics, 2020, 2020, 1.	1.6	16
60	Fluctuation-dissipation dynamics of cosmological scalar fields. Physical Review D, 2015, 91, .	1.6	15
61	Reynolds-number dependence of the dimensionless dissipation rate in homogeneous magnetohydrodynamic turbulence. Physical Review E, 2017, 95, 013102.	0.8	15
62	Space Dust Collisions as a Planetary Escape Mechanism. Astrobiology, 2017, 17, 1274-1282.	1.5	15
63	Formulating the Kramers problem in field theory. Physical Review D, 2019, 100, .	1.6	15
64	Effects of Magnetic and Kinetic Helicities on the Growth of Magnetic Fields in Laminar and Turbulent Flows by Helical Fourier Decomposition. Astrophysical Journal, 2017, 836, 26.	1.6	13
65	Comparison of forcing functions in magnetohydrodynamics. Physical Review Fluids, 2017, 2, .	1.0	12
66	The gravitino problem in supersymmetric warm inflation. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 020-020.	1.9	11
67	Eulerian field-theoretic closure formalisms for fluid turbulence. Physical Review E, 2013, 87, 013007.	0.8	10
68	Detection limits for super-Hubble suppression of causal fluctuations. Physical Review D, 2000, 62, .	1.6	9
69	Power suppression from disparate mass scales in effective scalar field theories of inflation and quintessence. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 010-010.	1.9	9
70	Delaying the waterfall transition in warm hybrid inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 023-023.	1.9	9
71	Adiabatic out-of-equilibrium solutions to the Boltzmann equation in warm inflation. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
72	Chaos and information in two-dimensional turbulence. Physical Review Fluids, 2020, 5, .	1.0	9

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73	Self-organization and transition to turbulence in isotropic fluid motion driven by negative damping at low wavenumbers. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 25FT01.	0.7	8
74	Quantum coherence to interstellar distances. Physical Review D, 2020, 102, .	1.6	8
75	Superfast amplification and superfast nonlinear saturation of perturbations as a mechanism of turbulence. Journal of Fluid Mechanics, 2020, 904, .	1.4	7
76	Galilean invariance and homogeneous anisotropic randomly stirred flows. Physical Review E, 2005, 72, 057301.	0.8	6
77	Reexamination of the warm inflation curvature perturbations spectrum. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 019-019.	1.9	6
78	Homogeneous isotropic turbulence in four spatial dimensions. Physics of Fluids, 2020, 32, 085107.	1.6	6
79	Quantum coherence of photons to cosmological distances. Physical Review D, 2021, 104, .	1.6	6
80	Viability of quantum communication across interstellar distances. Physical Review D, 2022, 105, .	1.6	6
81	Reexamination of the infrared properties of randomly stirred hydrodynamics. Physical Review E, 2010, 82, 066304.	0.8	4
82	Chaotic behavior of Eulerian magnetohydrodynamic turbulence. Physics of Plasmas, 2019, 26, 042303.	0.7	4
83	Fully resolved array of simulations investigating the influence of the magnetic Prandtl number on magnetohydrodynamic turbulence. Physical Review E, 2019, 99, 013101.	0.8	4
84	Fluctuations of Lyapunov exponents in homogeneous and isotropic turbulence. Physical Review Fluids, 2020, 5, .	1.0	4
85	Developments in inflationary cosmology. Pramana - Journal of Physics, 2009, 72, 169-182.	0.9	3
86	Chaotic measure of the transition between two- and three-dimensional turbulence. Physical Review Fluids, 2021, 6, .	1.0	3
87	Recent developments in dark matter searches. Pramana - Journal of Physics, 2011, 76, 783-794.	0.9	2
88	Stability of the pion string in a thermal and dense medium. Physical Review D, 2016, 94, .	1.6	2
89	Information production in homogeneous isotropic turbulence. Physical Review E, 2019, 100, 041101.	0.8	2
90	Effect of spatial dimension on a model of fluid turbulence. Journal of Fluid Mechanics, 2021, 912, .	1.4	2

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91	Knotty inflation and the dimensionality of spacetime. European Physical Journal C, 2017, 77, 682.	1.4	1
92	Thermal, trapped and chromo-natural inflation in light of the swampland criteria and the trans-Planckian censorship conjecture. European Physical Journal C, 2021, 81, 1.	1.4	1
93	Critical transition to a non-chaotic regime in isotropic turbulence. Journal of Fluid Mechanics, 2022, 930, .	1.4	1
94	On the force of vertical winds in the upper atmosphere: consequences for small biological particles. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2022, 478, 20210626.	1.0	1
95	Factorization and non-factorization in diffractive hard scattering. , 1997, , .		0
96	WHEPP-X: Report of the working group on cosmology. Pramana - Journal of Physics, 2009, 72, 263-267.	0.9	0
97	Stanley Mandelstam my graduate supervisor. International Journal of Modern Physics A, 2017, 32, 1740009.	0.5	0
98	Stanley Mandelstam My Graduate Supervisor. , 2017, , 145-148.		0