

# Anupam Mazumdar

## List of Publications by Year in descending order

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Version: 2024-02-01

187  
papers

10,236  
citations

36303

51  
h-index

40979

93  
g-index

189  
all docs

189  
docs citations

189  
times ranked

3410  
citing authors

#	ARTICLE	IF	CITATIONS
1	New nonsingular cosmological solution of nonlocal gravity. Physical Review D, 2022, 105, .	4.7	2
2	Improving resilience of quantum-gravity-induced entanglement of masses to decoherence using three superpositions. Physical Review A, 2022, 105, .	2.5	23
3	Infinite-derivative linearized gravity in convolutional form. Classical and Quantum Gravity, 2022, 39, 085001.	4.0	5
4	Infrared scaling for a graviton condensate. Nuclear Physics B, 2022, 977, 115730.	2.5	2
5	Constructing nano-object quantum superpositions with a Stern-Gerlach interferometer. Physical Review Research, 2022, 4, .	3.6	23
6	Mechanism for the quantum natured gravitons to entangle masses. Physical Review D, 2022, 105, .	4.7	41
7	Junction conditions in infinite derivative gravity. Physical Review D, 2021, 103, .	4.7	3
8	Ghost-free higher-order theories of gravity with torsion. European Physical Journal C, 2021, 81, 1.	3.9	2
9	Realization of a complete Stern-Gerlach interferometer: Toward a test of quantum gravity. Science Advances, 2021, 7, .	10.3	55
10	Exact solutions of nonlocal gravity in a class of almost universal spacetimes. Physical Review D, 2021, 103, .	4.7	9
11	Relative acceleration noise mitigation for nanocrystal matter-wave interferometry: Applications to entangling masses via quantum gravity. Physical Review Research, 2021, 3, .	3.6	29
12	An anisotropic bouncing universe in non-local gravity. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 025.	5.4	10
13	Nonlocal non-Abelian gauge theory: Conformal invariance and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -function. Physical Review D, 2021, 104, .	4.7	16
14	Gravitons in a box. Physical Review D, 2021, 104, .	4.7	4
15	Qudits for witnessing quantum-gravity-induced entanglement of masses under decoherence. Physical Review A, 2021, 104, .	2.5	28
16	Solitonsynthesis and gravitational waves. Physical Review D, 2020, 101, .	4.7	17
17	How does a dark compact object ringdown?. Physical Review D, 2020, 102, .	4.7	55
18	Quantum gravity witness via entanglement of masses: Casimir screening. Physical Review A, 2020, 102, .	2.5	65

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19	Stable, nonsingular bouncing universe with only a scalar mode. <i>Physical Review D</i> , 2020, 102, .	4.7	8
20	Impulsive waves in ghost-free infinite derivative gravity in anti-de Sitter spacetime. <i>Physical Review D</i> , 2020, 102, .	4.7	20
21	Locality and entanglement in table-top testing of the quantum nature of linearized gravity. <i>Physical Review A</i> , 2020, 101, .	2.5	104
22	Nonlocal gravity with worldline inversion symmetry. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	22
23	Hamiltonian for scalar field model of infinite derivative gravity. <i>Physical Review D</i> , 2020, 101, .	4.7	10
24	New massless and massive infinite derivative gravity in three dimensions. <i>Nuclear Physics B</i> , 2020, 956, 115024.	2.5	4
25	Mesoscopic interference for metric and curvature & gravitational wave detection. <i>New Journal of Physics</i> , 2020, 22, 083012.	2.9	21
26	Non-Gaussianities and tensor-to-scalar ratio in non-local R <sup>2</sup> -like inflation. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	33
27	NUT charge in linearized infinite derivative gravity. <i>Physical Review D</i> , 2020, 101, .	4.7	20
28	Towards conformally flat, non-Kasner vacuum solution in infinite derivative gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 020-020.	5.4	16
29	Nonlocal star as a blackhole mimicker. <i>Physical Review D</i> , 2019, 100, .	4.7	41
30	Transmutation of nonlocal scale in infinite derivative field theories. <i>Physical Review D</i> , 2019, 99, .	4.7	30
31	Perturbations in higher derivative gravity beyond maximally symmetric spacetimes. <i>Physical Review D</i> , 2019, 100, .	4.7	10
32	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019, 36, 143001.	4.0	451
33	Ghost-free infinite derivative quantum field theory. <i>Nuclear Physics B</i> , 2019, 944, 114646.	2.5	78
34	Review of cosmic phase transitions: their significance and experimental signatures. <i>Reports on Progress in Physics</i> , 2019, 82, 076901.	20.1	127
35	Nonsingular and ghost-free infinite derivative gravity with torsion. <i>Physical Review D</i> , 2019, 99, .	4.7	17
36	Nonlocality amplifies echoes. <i>Physical Review D</i> , 2019, 100, .	4.7	22

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37	Quantum spreading of a self-gravitating wave-packet in singularity free gravity. European Physical Journal C, 2018, 78, 1.	3.9	9
38	Stability of infinite derivative Abelian Higgs models. Physical Review D, 2018, 97, .	4.7	35
39	Observable tensor-to-scalar ratio and secondary gravitational wave background. Physical Review D, 2018, 97, .	4.7	3
40	Classical properties of non-local, ghost- and singularity-free gravity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 034-034.	5.4	84
41	Nonsingular metric for an electrically charged point-source in ghost-free infinite derivative gravity. Physical Review D, 2018, 98, .	4.7	45
42	Towards nonsingular rotating compact object in ghost-free infinite derivative gravity. Physical Review D, 2018, 98, .	4.7	43
43	Schwarzschild $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mi} \rangle r \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ singularity is not permissible in ghost-free quadratic-curvature infinite-derivative gravity. Physical Review D, 2018, 98, .	4.7	33
44	Conformally-flat, non-singular static metric in infinite derivative gravity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 014-014.	5.4	62
45	Rotating metric in nonsingular infinite derivative theories of gravity. Physical Review D, 2018, 97, .	4.7	25
46	Quantum solitonic wave-packet of a meso-scopic system in singularity free gravity. Nuclear Physics B, 2018, 931, 250-261.	2.5	9
47	Defocusing of null rays in infinite derivative gravity. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 017-017.	5.4	15
48	Gravitational waves at aLIGO and vacuum stability with a scalar singlet extension of the standard model. Physical Review D, 2017, 95, .	4.7	41
49	Do massive compact objects without event horizon exist in infinite derivative gravity?. Physical Review D, 2017, 96, .	4.7	54
50	Spin Entanglement Witness for Quantum Gravity. Physical Review Letters, 2017, 119, 240401.	7.8	415
51	Consistent higher derivative gravitational theories with stable de Sitter and anti-de Sitter backgrounds. Physical Review D, 2017, 95, .	4.7	67
52	Generalised boundary terms for higher derivative theories of gravity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
53	Behavior of the Newtonian potential for ghost-free gravity and singularity free gravity. Physical Review D, 2016, 94, .	4.7	89
54	High-energy scatterings in infinite-derivative field theory and ghost-free gravity. Classical and Quantum Gravity, 2016, 33, 145005.	4.0	37

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55	Nonthermal axion dark radiation and constraints. <i>Physical Review D</i> , 2016, 94, .	4.7	5
56	Possible resolution of the domain wall problem in the NMSSM. <i>Physical Review D</i> , 2016, 93, .	4.7	6
57	Nonperturbative overproduction of axionlike particles via derivative interactions. <i>Physical Review D</i> , 2016, 93, .	4.7	10
58	Nonlocal $N = 1$ supersymmetry. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	13
59	Higgs stability and the 750 GeV diphoton excess. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 755, 469-474.	4.1	47
60	Gravitational Theories with Stable (anti-)de Sitter Backgrounds. <i>Fundamental Theories of Physics</i> , 2016, , 97-114.	0.3	52
61	Nonlocal gravity in D dimensions: Propagators, entropy, and a bouncing cosmology. <i>Physical Review D</i> , 2015, 92, .	4.7	26
62	Classical and quantum initial conditions for Higgs inflation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 750, 194-200.	4.1	106
63	Towards understanding the ultraviolet behavior of quantum loops in infinite-derivative theories of gravity. <i>Classical and Quantum Gravity</i> , 2015, 32, 215017.	4.0	98
64	Wald Entropy for Ghost-Free, Infinite Derivative Theories of Gravity. <i>Physical Review Letters</i> , 2015, 114, 201101.	7.8	31
65	Cosmological implications of quantum corrections and higher-derivative extension. <i>Modern Physics Letters A</i> , 2015, 30, 1540008.	1.2	24
66	Bound on large $\alpha^2$ 0.1 from sub-Planckian excursions of inflaton. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 031-031.	5.4	11
67	Generalized quadratic curvature, non-local infrared modifications of gravity and Newtonian potentials. <i>Classical and Quantum Gravity</i> , 2015, 32, 015024.	4.0	78
68	Geodesic completeness and homogeneity condition for cosmic inflation. <i>Physical Review D</i> , 2014, 90, .	4.7	18
69	Generalized ghost-free quadratic curvature gravity. <i>Classical and Quantum Gravity</i> , 2014, 31, 015022.	4.0	133
70	Dynamical breaking of shift symmetry in supergravity-based inflation. <i>Physical Review D</i> , 2014, 90, .	4.7	11
71	Super-inflation, non-singular bounce, and low multipoles. <i>Classical and Quantum Gravity</i> , 2014, 31, 025019.	4.0	36
72	Baryogenesis, dark matter and inflation in the next-to-minimal supersymmetric standard model. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	22

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73	Implications of purely classical gravity for inflationary tensor modes. <i>Modern Physics Letters A</i> , 2014, 29, 1450163.	1.2	37
74	Quantifying the reheating temperature of the universe. <i>Nuclear Physics B</i> , 2014, 886, 312-327.	2.5	22
75	Constraining $\mathcal{N} = 1$ supergravity inflationary framework with non-minimal Kähler operators. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	29
76	Atick-Witten Hagedorn conjecture, near scale-invariant matter and blue-tilted gravity power spectrum. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	10
77	An accurate bound on tensor-to-scalar ratio and the scale of inflation. <i>Nuclear Physics B</i> , 2014, 882, 386-396.	2.5	53
78	Naturalness of light neutralino dark matter in pMSSM after LHC, XENON100 and Planck data. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	81
79	Small non-Gaussianity and dipole asymmetry in the cosmic microwave background. <i>Physical Review D</i> , 2013, 88, .	4.7	30
80	CMB dipole asymmetry from a fast roll phase. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 049-049.	5.4	30
81	Cosmological perturbations from a spectator field during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 012-012.	5.4	5
82	Low & high scale MSSM inflation, gravitational waves and constraints from Planck. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 041-041.	5.4	53
83	Visible sector inflation and the right thermal history in light of Planck data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 019-019.	5.4	22
84	Probing the supersymmetric inflaton and dark matter link via the CMB, LHC, and XENON1T experiments. <i>Physical Review D</i> , 2013, 87, .	4.7	12
85	Multiple dark matter scenarios from ubiquitous stringy throats. <i>Physical Review D</i> , 2013, 87, .	4.7	47
86	Baryogenesis from dark matter. <i>Physical Review D</i> , 2013, 88, .	4.7	17
87	Creating perturbations from a decaying field during inflation. <i>Physical Review D</i> , 2013, 87, .	4.7	6
88	Cosmological perturbations from statistical thermal fluctuations. <i>Physical Review D</i> , 2013, 88, .	4.7	21
89	Phase transitions during cyclic inflation and non-Gaussianity. <i>Physical Review D</i> , 2013, 88, .	4.7	6
90	A mini review on Affleck–Dine baryogenesis. <i>New Journal of Physics</i> , 2012, 14, 125013.	2.9	32

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91	Observable gravitational waves from inflation with small field excursions. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 008-008.	5.4	77
92	Separable and non-separable multi-field inflation and large non-Gaussianity. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 005-005.	5.4	20
93	Stable bounce and inflation in non-local higher derivative cosmology. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 024-024.	5.4	145
94	Curvaton Scenario within the Minimal Supersymmetric Standard Model and Predictions for Non-Gaussianity. Physical Review Letters, 2012, 108, 111302.	7.8	11
95	Split neutrinos, two Majorana and one Dirac, and implications for leptogenesis, dark matter, and inflation. Physical Review D, 2012, 86, .	4.7	7
96	Towards Singularity- and Ghost-Free Theories of Gravity. Physical Review Letters, 2012, 108, 031101.	7.8	520
97	Inflation with large supergravity corrections. Physical Review D, 2012, 85, .	4.7	15
98	Nonperturbative production of matter and rapid thermalization after MSSM inflation. Physical Review D, 2011, 83, .	4.7	43
99	Inflation in string theory: A graceful exit to the real world. Physical Review D, 2011, 83, .	4.7	29
100	Particle physics models of inflation and curvaton scenarios. Physics Reports, 2011, 497, 85-215.	25.6	264
101	Inflection point inflation: WMAP constraints and a solution to the fine tuning problem. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 002-002.	5.4	34
102	Tuned MSSM Higgses as an inflaton. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 009-009.	5.4	31
103	Reheating for closed string inflation. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 025-025.	5.4	65
104	Towards a resolution of the cosmological singularity in non-local higher derivative theories of gravity. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 008-008.	5.4	197
105	Inflection point inflation within supersymmetry. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 020-020.	5.4	49
106	The TeV mass curvaton. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 030-030.	5.4	7
107	Wiggles in the cosmic microwave background radiation: Echoes from nonsingular cyclic inflation. Physical Review D, 2010, 82, .	4.7	29
108	Reheating in Inflationary Cosmology: Theory and Applications. Annual Review of Nuclear and Particle Science, 2010, 60, 27-51.	10.2	388

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109	Exciting Gauge Field and Gravitons in Brane-Antibrane Annihilation. Physical Review Letters, 2009, 102, 091601.	7.8	19
110	Gravitational waves from the fragmentation of a supersymmetric condensate. Physical Review D, 2009, 79, .	4.7	31
111	Probing the unified origin of dark matter and baryon asymmetry at PAMELA and Fermi Large Area Telescope. Physical Review D, 2009, 80, .	4.7	27
112	Newton's constant in $\frac{1}{R^2} = \frac{2}{3} \frac{1}{R^2} + \frac{1}{R^2}$	4.7	48
113	2009, 79, . Inflation, baryogenesis, and gravitino dark matter at ultralow reheat temperatures. Physical Review D, 2009, 80, .	4.7	28
114	Inflation with a negative cosmological constant. Physical Review D, 2009, 80, .	4.7	44
115	Attraction towards an inflection point inflation. Physical Review D, 2008, 78, .	4.7	42
116	Affleck-Dine condensate, late thermalization, and the gravitino problem. Physical Review D, 2008, 78, .	4.7	20
117	Gravitational Waves from Fragmentation of a Primordial Scalar Condensate into Q Balls. Physical Review Letters, 2008, 101, 211301.	7.8	53
118	Longevity of supersymmetric flat directions. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 023-023.	5.4	24
119	MSSM flat direction inflation: slow roll, stability, fine-tuning and reheating. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 019-019.	5.4	159
120	Non-perturbative gravity, the Hagedorn bounce and the cosmic microwave background. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 011-011.	5.4	108
121	$A$ -term inflation and the smallness of the neutrino masses. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 018-018.	5.4	82
122	Unifying Inflation and Dark Matter with Neutrino Masses. Physical Review Letters, 2007, 99, 261301.	7.8	74
123	Reheating in supersymmetric high scale inflation. Physical Review D, 2007, 76, .	4.7	39
124	Graceful exit from a stringy landscape via MSSM inflation. Physical Review D, 2007, 76, .	4.7	22
125	Probing the parameter space for an MSSM inflation and the neutralino dark matter. Physical Review D, 2007, 75, .	4.7	31
126	Stringy effects during inflation and reheating. Physical Review D, 2006, 73, .	4.7	68

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127	Current acceleration from the dilaton and stringy cold dark matter. <i>Physical Review D</i> , 2006, 74, .	4.7	30
128	A stringy origin of the recent acceleration. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 634, 437-441.	4.1	2
129	Identifying the curvaton within the minimal supersymmetric standard model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 007-007.	5.4	37
130	Very large primordial non-Gaussianity from multiple fields: application to massless preheating. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 003-003.	5.4	68
131	Supersymmetric thermalization and quasi-thermal Universe: consequences for gravitinos and leptogenesis. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 008-008.	5.4	58
132	Gauge-invariant inflaton in the minimal supersymmetric standard model. <i>Physical Review Letters</i> , 2006, 97, 191304.	7.8	244
133	Bouncing universes in string-inspired gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 009-009.	5.4	399
134	Cosmological constraints on string scale and coupling arising from tachyonic instability. <i>Journal of High Energy Physics</i> , 2005, 2005, 084-084.	4.7	21
135	Non-Gaussianity from instant and tachyonic preheating. <i>Journal of Cosmology and Astroparticle Physics</i> , 2005, 2005, 010-010.	5.4	62
136	Multiple inflation, cosmic string networks and the string landscape. <i>Journal of High Energy Physics</i> , 2005, 2005, 067-067.	4.7	79
137	Non-Gaussianity from preheating. <i>Physical Review Letters</i> , 2005, 94, 161301.	7.8	114
138	Gravitino production from reheating in split supersymmetry. <i>Physical Review D</i> , 2005, 71, .	4.7	18
139	Coupled inflation and brane gases. <i>Physical Review D</i> , 2005, 71, .	4.7	20
140	CAN WE HAVE A STRINGY ORIGIN BEHIND $\hat{\rho}(T) \hat{\rho}_M(T)$ ?. , 2005, , .		0
141	Seed perturbations for primordial magnetic fields from minimally supersymmetric standard model flat directions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 001-001.	5.4	26
142	Resonant decay of flat directions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 005-005.	5.4	48
143	Dynamics of minimal supersymmetric standard model flat directions consisting of multiple scalar fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 008-008.	5.4	21
144	Radion cosmology in theories with universal extra dimensions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 004-004.	5.4	27

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145	Dynamical relaxation of the cosmological constant and matter creation in the Universe. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 015-015.	5.4	17
146	Enhanced reheating via Bose condensates. Physical Review D, 2004, 70, .	4.7	10
147	Interaction rates in string gas cosmology. Physical Review D, 2004, 70, .	4.7	50
148	Sneutrino condensate as a candidate for the hot big bang cosmology. Physical Review D, 2004, 70, .	4.7	12
149	Sneutrino Condensate Source for Density Perturbations, Leptogenesis, and Low Reheat Temperature. Physical Review Letters, 2004, 92, 251301.	7.8	22
150	Model for Fluctuating Inflaton Coupling: Sneutrino Induced Adiabatic Perturbations and Nonthermal Leptogenesis. Physical Review Letters, 2004, 92, 241301.	7.8	20
151	Minimal Supersymmetric Higgs Bosons with Extra Dimensions as the Source of Reheating and All Matter. Physical Review Letters, 2004, 93, 061301.	7.8	34
152	Dumping inflaton energy density out of this world. Physical Review D, 2004, 70, .	4.7	15
153	CMB constraints on non-thermal leptogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 580, 7-16.	4.1	21
154	Inflation in large N limit of supersymmetric gauge theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 597, 222-228.	4.1	50
155	Inflation and brane gases. Physical Review D, 2004, 69, .	4.7	44
156	Post-inflationary thermalization with hadronization scenario. Nuclear Physics B, 2004, 683, 264-276.	2.5	17
157	Evolution of primordial perturbations and a fluctuating decay rate. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 573, 5-12.	4.1	37
158	Cosmological consequences of MSSM flat directions. Physics Reports, 2003, 380, 99-234.	25.6	256
159	Adiabatic Density Perturbations and Matter Generation from the Minimal Supersymmetric Standard Model. Physical Review Letters, 2003, 90, 091302.	7.8	90
160	Ultrahigh Energy Cosmic Rays, Cosmological Constant, and $\tilde{V}$ Vacua. Physical Review Letters, 2003, 90, 191301.	7.8	11
161	Challenges in generating density perturbations from a fluctuating inflaton coupling. Physical Review D, 2003, 67, .	4.7	58
162	Nonthermal leptogenesis with almost degenerate superheavy neutrinos. Physical Review D, 2003, 67, .	4.7	20

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163	Sleptogenesis. Physical Review D, 2003, 67, .	4.7	12
164	3-form induced potentials, dilaton stabilization, and running moduli. Physical Review D, 2003, 67, .	4.7	31
165	Minimal supersymmetric standard model flat direction as a curvaton. Physical Review D, 2003, 68, .	4.7	76
166	Q-ball formation in the wake of Hubble-induced radiative corrections. Physical Review D, 2002, 65, .	4.7	11
167	Affleck-Dine baryogenesis in large extra dimensions. Physical Review D, 2002, 65, .	4.7	31
168	Dynamics of coupled bosonic systems with applications to preheating. Physical Review D, 2002, 65, .	4.7	25
169	Hubble-induced radiative corrections and Affleck-Dine baryogenesis. Physical Review D, 2002, 65, .	4.7	18
170	Possible astrophysical signatures of heavy stable neutral relics in supergravity models. Physical Review D, 2002, 65, .	4.7	14
171	Dynamics of a large extra dimension inspired hybrid inflation model. Physical Review D, 2002, 65, .	4.7	45
172	Reheating as a Surface Effect. Physical Review Letters, 2002, 89, 091301.	7.8	37
173	Inflatonic solitons in running mass inflation. Physical Review D, 2002, 66, .	4.7	50
174	ANGULAR INFLATION FROM SUPERGRAVITY. Modern Physics Letters A, 2002, 17, 1627-1634.	1.2	9
175	Assisted inflation via tachyon condensation. Nuclear Physics B, 2001, 614, 101-116.	2.5	248
176	Baryogenesis in theories with large extra spatial dimensions. Nuclear Physics B, 2001, 618, 277-300.	2.5	47
177	A dynamical stabilization of the radion potential. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 508, 340-346.	4.1	27
178	Affleck-Dine leptogenesis via right-handed sneutrino fields in a supersymmetric hybrid inflation model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 518, 282-293.	4.1	17
179	Is nonperturbative inflatino production during preheating a real threat to cosmology?. Physical Review D, 2001, 64, .	4.7	29
180	Production of Spin3/2Particles from Vacuum Fluctuations. Physical Review Letters, 2000, 84, 1655-1658.	7.8	89

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181	Gravitino production in hybrid inflationary models. Physical Review D, 2000, 62, .	4.7	24
182	Perturbation amplitude in isocurvature inflation scenarios. Physical Review D, 2000, 61, .	4.7	26
183	Generalized assisted inflation. Physical Review D, 1999, 60, .	4.7	154
184	Extra dimensions and inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 469, 55-60.	4.1	60
185	Extended inflation with an exponential potential. Physical Review D, 1998, 58, .	4.7	13
186	Radiation-matter transition in Jordan-Brans-Dicke theory. Physical Review D, 1998, 58, .	4.7	50
187	Assisted inflation. Physical Review D, 1998, 58, .	4.7	374