

# CITATION REPORT

List of articles citing

## Planck2015 results

**DOI: 10.1051/0004-6361/201525898**  
**Astronomy and Astrophysics, 2016, 594, A20.**

**Source:** <https://exaly.com/paper-pdf/63522274/citation-report.pdf>

**Version:** 2024-04-25

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1155	General Relativity and Cosmology: Unsolved Questions and Future Directions. <b>2016</b> , 2, 23		107
1154	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A28	5.1	111
1153	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A7	5.1	82
1152	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A10	5.1	295
1151	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A23	5.1	73
1150	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A12	5.1	95
1149	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A24	5.1	416
1148	Dissipative axial inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 038-038	6.4	19
1147	Fate of electroweak vacuum during preheating. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 043-043	6.4	44
1146	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A6	5.1	53
1145	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A2	5.1	64
1144	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A8	5.1	181
1143	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A9	5.1	163
1142	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A5	5.1	51
1141	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A4	5.1	46
1140	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A18	5.1	58
1139	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A21	5.1	93

1138	Propagating Degrees of Freedom in $f(R)$ Gravity. <b>2016</b> , 2016, 1-6		14
1137	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A3	5.1	47
1136	Variants of kinetically modified non-minimal Higgs inflation in supergravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 037-037	6.4	5
1135	Inflation from nilpotent Kähler corrections. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 028-028	6.4	38
1134	Sneutrino Inflation with $\mathbb{H}^2$ attractors. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 046-046	6.4	21
1133	General $s$ Goldstino inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 038-038	6.4	15
1132	Moduli backreaction on inflationary attractors. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	1
1131	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A19	5.1	220
1130	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A16	5.1	286
1129	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A20	5.1	1045
1128	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A27	5.1	369
1127	Nonminimal coupling and inflationary attractors. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	27
1126	The phenomenology of trapped inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 058-058	6.4	10
1125	Consistency of warm $k$ -inflation. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	7
1124	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A1	5.1	596
1123	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A14	5.1	461
1122	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A15	5.1	315
1121	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A25	5.1	117

1120	Seven-disk manifold, attractors, and B modes. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	35
1119	Constraints on tachyon inflationary models with an AdS/CFT correspondence. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	4
1118	On the thermodynamic origin of the initial radiation energy density in warm inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 022-022	6.4	10
1117	Black hole formation in a contracting universe. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 029-029	6.4	18
1116	Consistency relation and non-Gaussianity in a Galileon inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 013-013	6.4	1
1115	Hubble induced mass after inflation in spectator field models. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 014-014	6.4	2
1114	Strongly scale-dependent CMB dipolar asymmetry from super-curvature fluctuations. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 020-020	6.4	9
1113	Correlating CMB spectral distortions with temperature: what do we learn on inflation?. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 015-015	6.4	10
1112	Possible evolution of a bouncing universe in cosmological models with non-minimally coupled scalar fields. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 006-006	6.4	12
1111	Corrections to $n_s$ and $n_t$ from high scale physics. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	7
1110	Anisotropic non-gaussianity from rotational symmetry breaking excited initial states. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 002-002	6.4	11
1109	Science with the space-based interferometer LISA. IV: probing inflation with gravitational waves. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 026-026	6.4	162
1108	Gravitational waves at interferometer scales and primordial black holes in axion inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 031-031	6.4	108
1107	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A13	5.1	6658
1106	Adiabatic regularization of power spectra in nonminimally coupled chaotic inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 027-027	6.4	7
1105	Bounce inflation in $f(T)$ cosmology: A unified inflaton-quintessence field. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	55
1104	Warm ekpyrosis. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	1
1103	Leggett-Garg inequalities for squeezed states. <b>2016</b> , 94,		11

1102	Uniqueness of the Fock quantization of scalar fields in a Bianchi I cosmology with unitary dynamics. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	7
1101	Viable mimetic completion of unified inflation-dark energy evolution in modified gravity. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	41
1100	The scalar-scalar-tensor inflationary three-point function in the axion monodromy model. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 041-041	6.4	1
1099	Supermassive black holes formed by direct collapse of inflationary perturbations. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	34
1098	Invariant slow-roll parameters in scalar-tensor theories. <b>2016</b> , 33, 195008		26
1097	Critical geometry of a thermal big bang. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	15
1096	Probing primordial features with future galaxy surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 041-041	6.4	43
1095	New CMB constraints for Abelian Higgs cosmic strings. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 042-042	6.4	48
1094	Limits on entanglement effects in the string landscape from Planck and BICEP/Keck data. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 013-013	6.4	7
1093	The future of primordial features with large-scale structure surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 014-014	6.4	40
1092	Non-Gaussianity in multiple three-form field inflation. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	10
1091	Inflation in the closed FLRW model and the CMB. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 031-031	6.4	17
1090	Low scale inflation at high energy colliders and meson factories. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	7
1089	Quantum cosmology and the evolution of inflationary spectra. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	17
1088	Precise measurements of inflationary features with 21 cm observations. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	29
1087	Ultra slow-roll G inflation. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	35
1086	Inflationary attractors from F(R) gravity. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	44
1085	Shortcomings of new parametrizations of inflation. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	11

1084	Starobinsky-like inflation and neutrino masses in a no-scale SO(10) model. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 018-018	6.4	22
1083	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A22	5.1	206
1082	Gaussian streaming with the truncated Zel'dovich approximation. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	6
1081	Inflation as de Sitter instability. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	4
1080	Planckintermediate results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A102	5.1	20
1079	On inflation, cosmological constant, and SUSY breaking. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 002-002	6.4	14
1078	Entangled scalar and tensor fluctuations during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2016</b> , 2016, 059-059	6.4	6
1077	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A26	5.1	149
1076	Hamilton-Jacobi formalism to warm inflationary scenario. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	17
1075	Constraining the dark energy equation of state using Bayes theorem and the Kullback-Leibler divergence. <b>2017</b> , 466, 369-377		20
1074	Fractional Action Cosmology with Variable Order Parameter. <b>2017</b> , 56, 1159-1182		10
1073	Warm intermediate inflation in (f(R)) gravity. <b>2017</b> , 362, 1		5
1072	Parametric resonance in the early Universe—fitting analysis. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 001-001	6.4	31
1071	Higgs-portal assisted Higgs inflation with a sizeable tensor-to-scalar ratio. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 003-003	6.4	8
1070	Gravitational waves and large field inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 006-006	6.4	17
1069	Dark matter from gravitational particle production at reheating. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 008-008	6.4	28
1068	Primordial gravitational waves from axion-gauge fields dynamics. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 019-019	6.4	79
1067	String Cosmology. <b>2017</b> , 701-821		

1066 Cosmic Microwave Background. **2017**, 91-151

1065 Gravitational Waves from Oscillons after Inflation. **2017**, 118, 011303 44

1064 Multi-phase induced inflation in theories with non-minimal coupling to gravity. *Journal of Cosmology and Astroparticle Physics*, **2017**, 2017, 011-011 6.4 7

1063 Random potentials and cosmological attractors. *Journal of Cosmology and Astroparticle Physics*, **2017**, 2017, 028-028 6.4 15

1062 Logamediate Inflation in  $f(T)$  Teleparallel Gravity. *Astrophysical Journal*, **2017**, 836, 228 4.7 12

1061 Reheating predictions in gravity theories with derivative coupling. *Journal of Cosmology and Astroparticle Physics*, **2017**, 2017, 027-027 6.4 15

1060 Polypolar spherical harmonic decomposition of galaxy correlators in redshift space: Toward testing cosmic rotational symmetry. *Physical Review D*, **2017**, 95, 4.9 21

1059 Inflationary dynamics reconstruction via inverse-scattering theory. *Physical Review D*, **2017**, 95, 4.9 3

1058 Unifying Inflation with the Axion, Dark Matter, Baryogenesis, and the Seesaw Mechanism. **2017**, 118, 071802 90

1057 Quantum quenches during inflation. *Physical Review D*, **2017**, 95, 4.9 3

1056 Glauber theory and the quantum coherence of curvature inhomogeneities. **2017**, 34, 035019 4

1055 Non-Gaussianity in multi-sound-speed disformally coupled inflation. *Journal of Cosmology and Astroparticle Physics*, **2017**, 2017, 029-029 6.4 2

1054 Testing predictions of the quantum landscape multiverse 1: the Starobinsky inflationary potential. *Journal of Cosmology and Astroparticle Physics*, **2017**, 2017, 002-002 6.4 13

1053 Reconstruction of attractor supergravity models of inflation. *Physical Review D*, **2017**, 95, 4.9 7

1052 Anisotropic inflation with a non-abelian gauge field in Gauss-Bonnet gravity. *Journal of Cosmology and Astroparticle Physics*, **2017**, 2017, 022-022 6.4 5

1051 Inflation model selection meets dark radiation. *Journal of Cosmology and Astroparticle Physics*, **2017**, 2017, 046-046 6.4 25

1050 Power spectra based Planck constraints on compensated isocurvature, and forecasts for LiteBIRD and CORE space missions. *Journal of Cosmology and Astroparticle Physics*, **2017**, 2017, 014-014 6.4 21

1049 On the expanding phase of a singular bounce and intermediate inflation: The modified gravity description. **2017**, 32, 1750067 7

1048	Vector dark energy models with quadratic terms in the Maxwell tensor derivatives. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	13
1047	G-warm inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 029-029	6.4	13
1046	Non-Gaussianity in two-field inflation beyond the slow-roll approximation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 019-019	6.4	3
1045	Tensor perturbations during inflation in a spatially closed Universe. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 021-021	6.4	10
1044	Impact of the latest measurement of Hubble constant on constraining inflation models. <b>2017</b> , 60, 1		11
1043	Scalar and tensor perturbations in vacuum inflation. <b>2017</b> , 34, 105013		0
1042	Inflationary dynamics with a smooth slow-roll to constant-roll era transition. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 041-041	6.4	31
1041	Prospects for cosmological collider physics. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 050-050	6.4	49
1040	Modified gravity theories on a nutshell: Inflation, bounce and late-time evolution. <b>2017</b> , 692, 1-104		1051
1039	Quintessential inflation with attractors. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 027-027	6.4	67
1038	Squeezed bispectrum in the $\mathcal{N}$ -formalism: local observer effect in field space. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 021-021	6.4	17
1037	Inflation in non-minimal matter-curvature coupling theories. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 021-021	6.4	16
1036	The ALP miracle: unified inflaton and dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 044-044	6.4	59
1035	Resonant particle production during inflation: a full analytical study. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 054-054	6.4	5
1034	Features in single field slow-roll inflation. <b>2017</b> , 831, 012003		4
1033	Towards a measurement of the spectral runnings. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 032-032	6.4	31
1032	Improved Diffuse Foreground Subtraction with the ILC Method: CMB Map and Angular Power Spectrum Using Planck and WMAP Observations. <i>Astrophysical Journal</i> , <b>2017</b> , 842, 62	4.7	10
1031	Do joint CMB and HST data support a scale invariant spectrum?. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 003-003	6.4	27



1030	Dynamics of cosmological perturbations and reheating in the anamorphic universe. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 004-004	6.4	4
1029	Scalar-tensor linear inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 007-007	6.4	23
1028	Noether symmetries and stability of ideal gas solutions in Galileon cosmology. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	37
1027	Testing predictions of the quantum landscape multiverse 2: the exponential inflationary potential. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 020-020	6.4	19
1026	Where does curvaton reside? Differences between bulk and brane frames. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	1
1025	Particle creation in bouncing cosmologies. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	40
1024	Geometric Baryogenesis from Shift Symmetry. <b>2017</b> , 118, 131101		12
1023	Stable solutions of inflation driven by vector fields. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 058-058	6.4	32
1022	Search for photons with energies above 1018eV using the hybrid detector of the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 009-009	6.4	32
1021	Sharp predictions from eternal inflation patches in D-brane inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 011-011	6.4	3
1020	Low- $\ell$ power suppression in punctuated inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 013-013	6.4	2
1019	Curvaton as dark matter with secondary inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 053-053	6.4	2
1018	Axion, $\mu$ term, and supersymmetric hybrid inflation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	2
1017	Inverse symmetric inflationary attractors. <b>2017</b> , 34, 105009		11
1016	Universality in generalized models of inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 060-060	6.4	13
1015	Phenomenology with fluctuating quantum geometries in loop quantum cosmology. <b>2017</b> , 34, 074003		19
1014	Thermodynamics of scale factor dual universes. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	1
1013	Supergravity contributions to inflation in models with non-minimal coupling to gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 036-036	6.4	3

1012	General quadrupolar statistical anisotropy: Planck limits. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 039-039	6.4	15
1011	Quantum gravity in the sky: interplay between fundamental theory and observations. <b>2017</b> , 34, 014002		34
1010	How Gaussian can our Universe be?. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 003-003	6.4	28
1009	Probing pre-inflationary anisotropy with directional variations in the gravitational wave background. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 009-009	6.4	1
1008	A Measurement of the Cosmic Microwave Background B-mode Polarization Power Spectrum at Subdegree Scales from Two Years of polarbear Data. <i>Astrophysical Journal</i> , <b>2017</b> , 848, 121	4.7	64
1007	The dawn of FIMP Dark Matter: A review of models and constraints. <b>2017</b> , 32, 1730023		218
1006	Light polarization oscillations induced by photon-photon scattering. <b>2017</b> , 96,		5
1005	Unimodular $f(R,T)$ gravity. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	18
1004	Reconstructing $f(R)$ theory from the $\mathbb{R}^4$ attractors. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 041-041	6.4	22
1003	Primordial black holes from single field models of inflation. <i>Physics of the Dark Universe</i> , <b>2017</b> , 18, 47-54	4.4	192
1002	Baryons still trace dark matter: Probing CMB lensing maps for hidden isocurvature. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	16
1001	Relaxion window. <b>2017</b> , 32, 1750142		14
1000	Cosmological relaxation and high scale inflation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	5
999	Adiabatic and entropy decomposition in $P(\chi, X)$ theories with multiple sound speeds. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	2
998	Fine-tuning challenges for the matter bounce scenario. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	10
997	Inflation and pseudo-Goldstone Higgs boson. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	6
996	Stringy bounces and gradient instabilities. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
995	Minimal-supersymmetric extended inflation field in Horava-Lifshitz gravity. <b>2017</b> , 26, 1750166		2

994	Stochastic quantum inflation for a canonical scalar field with linear self-interaction potential. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	
993	Inflation with a smooth constant-roll to constant-roll era transition. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	30
992	Deforming the Starobinsky model in ghost-free higher derivative supergravities. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	5
991	Inflation as an amplifier: The case of Lorentz violation. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	7
990	New bound on low reheating temperature for dark matter in models with early matter domination. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	8
989	Anamorphic quasiperiodic universes in modified and Einstein gravity with loop quantum gravity corrections. <b>2017</b> , 34, 185002		5
988	Future singularities if the universe underwent Starobinsky inflation in the past. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	23
987	Scale invariance of the primordial tensor power spectrum. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	2
986	CMB anisotropies at all orders: the non-linear Sachs-Wolfe formula. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 034-034	6.4	1
985	How decoherence affects the probability of slow-roll eternal inflation. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	6
984	On (in)stabilities of perturbations in mimetic models with higher derivatives. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 040-040	6.4	38
983	The matter-ekpyrotic bounce scenario in Loop Quantum Cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 002-002	6.4	9
982	Numerical evaluation of the tensor bispectrum in two field inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 035-035	6.4	
981	Testing non-minimally coupled inflation with CMB data: a Bayesian analysis. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 010-010	6.4	7
980	Gravitational wave signatures of inflationary models from Primordial Black Hole dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 013-013	6.4	134
979	Warm inflation dissipative effects: Predictions and constraints from the Planck data. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	51
978	Bose-Einstein-condensed scalar field dark matter and the gravitational wave background from inflation: New cosmological constraints and its detectability by LIGO. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	26
977	On primordial black holes from an inflection point. <i>Physics of the Dark Universe</i> , <b>2017</b> , 18, 6-10	4.4	142

976	Symmetry restoration due to preheating and lepton number asymmetry. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	
975	Inflationary attractors and F(R)-gravity. <b>2017</b> , 32, 1750152		1
974	Emergent scale symmetry: Connecting inflation and dark energy. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	53
973	Cumulative effects in inflation with ultra-light entropy modes. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 013-013	6.4	33
972	Fermions in hybrid loop quantum cosmology. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	10
971	Frame-dependence of higher-order inflationary observables in scalar-tensor theories. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	56
970	Cosmological perturbations in restricted f(R) gravity. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	
969	Obstructions to Bell CMB experiments. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	29
968	Primordial black holes and slow-roll violation. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	138
967	Density perturbations in f(R,?) gravity with an application to the varying-power-law model. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	5
966	Energy conditions in Starobinsky supergravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 061-061	6.4	10
965	Planck limits on non-canonical generalizations of large-field inflation models. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 006-006	6.4	10
964	Next non-Gaussianity frontier: What can a measurement with $\tau_{\text{NL}}$ tell us about multifield inflation?. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	11
963	Polarizations of gravitational waves in f(R) gravity. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	49
962	Primordial anisotropies from cosmic strings during inflation. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	6
961	Unified composite scenario for inflation and dark matter in the Nambu-Ginsparg-Lasinio model. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
960	Quantum corrections to inflation: The importance of RG running and choosing the optimal RG scale. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	11
959	Cosmic initial conditions for a habitable universe. <b>2017</b> , 470, 3095-3102		2

958	Bianchi type I anisotropic power-law solutions for the Galileon models. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	17
957	Embedding cosmological inflation, axion dark matter and seesaw mechanism in a 3-3-1 gauge model. <b>2017</b> , 771, 199-205		8
956	Chiral primordial blue tensor spectra from the axion-gauge couplings. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 050-050	6.4	11
955	Constraining the general reheating phase in the attractor inflationary cosmology. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	15
954	Fiber inflation and reheating. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	14
953	Lyth bound, eternal inflation, and future cosmological missions. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	3
952	Resurrecting the exponential and inverse power-law potentials in non-canonical inflation. <b>2017</b> , 921, 25-38		9
951	PBH dark matter from axion inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 048-048,	6.4	56
950	Frame-Independent Classification of Single-Field Inflationary Models. <b>2017</b> , 118, 151302		45
949	Anisotropic multiple bounce models. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	1
948	Standard Model axion seesaw Biggs portal inflation. Five problems of particle physics and cosmology solved in one stroke. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 001-001	6.4	88
947	Non-Gaussian and loop effects of inflationary correlation functions in BRST formalism. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
946	Reconstruction of constant slow-roll inflation. <b>2017</b> , 60, 1		23
945	Erratum: Investigating dark matter substructure with pulsar timing II. Improved limits on small-scale cosmology. <b>2017</b> , 464, 955-956		10
944	Decoherence, discord, and the quantum master equation for cosmological perturbations. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	36
943	Discerning dark energy models with high redshift standard candles. <b>2017</b> , 472, 1413-1420		3
942	Planck scale operators, inflation, and fine tuning. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
941	Equation of State and Duration to Radiation Domination after Inflation. <b>2017</b> , 119, 061301		75

940	Extracting gravitational waves induced by plasma turbulence in the early Universe through an averaging process. <b>2017</b> , 34, 145008		
939	Complex dimensions and their observability. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	8
938	CMB spectral distortion constraints on thermal inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 002-002	6.4	6
937	Primordial power spectrum features in phenomenological descriptions of inflation. <i>Physics of the Dark Universe</i> , <b>2017</b> , 17, 38-45	4.4	5
936	Viscous cosmology for early- and late-time universe. <b>2017</b> , 26, 1730024		104
935	Compactly supported linearised observables in single-field inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 043-043	6.4	14
934	Sgoldstino-less inflation and low energy SUSY breaking. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 047-047	6.4	10
933	Impact of Massive Neutrinos and Dark Radiation on the High-redshift Cosmic Web. I. Ly $\alpha$ Forest Observables. <b>2017</b> , 233, 12		5
932	Inflationary theory and pulsar timing investigations of primordial black holes and gravitational waves. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	57
931	Relaxation leptogenesis, isocurvature perturbations, and the cosmic infrared background. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	5
930	Chaotic initial conditions for nonminimally coupled inflation via a conformal factor with a zero. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	1
929	Higgsploding universe. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	9
928	Primordial perturbations generated by Higgs field and R2 operator. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	38
927	Lyman- $\alpha$ constraints on ultralight scalar dark matter: Implications for the early and late universe. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	87
926	Signatures of spontaneous collapse-dynamics-modified single-field inflation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	5
925	Expectations for inflationary observables: simple or natural?. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 032-032	6.4	4
924	Averaged energy conditions and bouncing universes. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	3
923	Instabilities in Horndeski-Yang-Mills inflation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	12

922	Spectrum of the axion dark sector. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	26
921	Dynamics of the cosmological relaxation after reheating. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	26
920	Hamilton-Jacobi approach for quasi-exponential inflation: predictions and constraints after Planck 2015 results. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	2
919	Baryon asymmetry and gravitational waves from pseudoscalar inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 011-011	6.4	43
918	Testing physical models for dipolar asymmetry: From temperature to k space to lensing. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	12
917	Inflationary dynamics and preheating of the nonminimally coupled inflaton field in the metric and Palatini formalisms. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	26
916	A non-parametric consistency test of the $\Lambda$ CDM model with Planck CMB data. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 031-031	6.4	10
915	Probing dark energy using convergence power spectrum and bi-spectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 035-035	6.4	2
914	Reheating constraints in quintessential inflation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	21
913	Infinite violation of Bell inequalities in inflation. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	15
912	Constant-roll inflation in $F(R)$ gravity. <b>2017</b> , 34, 245012		47
911	Quantum diffusion during inflation and primordial black holes. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 046-046	6.4	71
910	Thermal inflation with a thermal waterfall scalar field coupled to a light spectator scalar field. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	1
909	Anisotropic inflation with a non-minimally coupled electromagnetic field to gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 026-026	6.4	13
908	Inflation and cosmological dynamics in $f(R)$ gravity. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	3
907	Echo of interactions in the dark sector. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	103
906	Viability of the intermediate inflation scenario with $F(T)$ gravity. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	13
905	Gravitational wave production from preheating: parameter dependence. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 057-057	6.4	31

904	Pre-inflationary universe in loop quantum cosmology. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	42
903	Effective models of inflation from a nonlocal framework. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	12
902	Detectability of primordial gravitational waves produced in bouncing models. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	2
901	Hemispherical power asymmetry of the cosmic microwave background from a remnant of a pre-inflationary topological defect. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	5
900	Ultra slow-roll inflation demystified. <b>2017</b> , 775, 262-265		56
899	Inflation scenario driven by a low energy physics inflaton. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	6
898	Unified model of chaotic inflation and dynamical supersymmetry breaking. <b>2017</b> , 773, 320-324		5
897	Constrained superfields from inflation to reheating. <b>2017</b> , 773, 610-615		8
896	Novel vacuum conditions in inflationary collapse models. <b>2017</b> , 774, 338-350		3
895	Hypermagnetic knots and gravitational radiation at intermediate frequencies. <b>2017</b> , 34, 135010		1
894	Constraining the break of spatial diffeomorphism invariance with Planck data. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 013-013	6.4	7
893	Meaning of the field dependence of the renormalization scale in Higgs inflation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	16
892	First and second order cosmological perturbations in light mass Galileon models. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	6
891	On the dark radiation problem in the axiverse. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 016-016	6.4	1
890	Spontaneous baryogenesis without baryon isocurvature. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 036-036	6.4	3
889	Inflation from periodic extra dimensions. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 011-011	6.4	8
888	Magnetogenesis during inflation and preheating in the Starobinsky model. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	20
887	Asymptotically safe non-minimal inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 015-015	6.4	12



886	Dynamical analysis of an integrable cubic Galileon cosmological model. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	43
885	Warm modified Chaplygin gas shaft inflation. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	4
884	Dynamics of warm power-law plateau inflation with a generalized inflaton decay rate: predictions and constraints after Planck 2015. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	14
883	The conformal limit of inflation in the era of CMB polarimetry. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 009-009	6.4	23
882	Massive fields as systematics for single field inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 038-038	6.4	7
881	Effective field theory of statistical anisotropies for primordial bispectrum and gravitational waves. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 039-039	6.4	8
880	Early Universe Higgs dynamics in the presence of the Higgs-inflaton and non-minimal Higgs-gravity couplings. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 054-054	6.4	32
879	Inflationary attractor cosmology: A global dynamical systems perspective. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	13
878	Tachyon inflation with steep potentials. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	14
877	Inflation from $(R+Bn\Omega)$ gravity in higher dimensions. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	9
876	Perturbation, non-Gaussianity, and reheating in a Gauss-Bonnet attractor model. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	55
875	Linear density perturbations in multifield coupled quintessence. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	4
874	On $f(R)$ gravity in scalar tensor theories. <b>2017</b> , 14, 1750107		16
873	Cross-tests of cosmic microwave background features in the primordial spectra. <b>2017</b> , 338, 1025-1028		
872	Unified model of D-term inflation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	22
871	Toward an effective field theory approach to reheating. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	9
870	Geometrical destabilization, premature end of inflation and Bayesian model selection. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 006-006	6.4	19
869	The gravitational-wave physics. <b>2017</b> , 4, 687-706		67

868	Shapes and features of the primordial bispectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 016-016	6.4	5
867	Ghost free systems with coexisting bosons and fermions. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	7
866	Electroweak vacuum metastability and low-scale inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 030-030	6.4	12
865	Refined study of isocurvature fluctuations in the curvaton scenario. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 042-042	6.4	2
864	Inflation from higher dimensions. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	7
863	Polyinstanton axion inflation. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	4
862	Light sterile neutrinos, dark matter, and new resonances in a U(1) extension of the MSSM. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	1
861	Inflation in random Gaussian landscapes. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 053-053	6.4	21
860	The reconstruction of tachyon inflationary potentials. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 018-018	6.4	16
859	Note on the initial conditions within the effective field theory approach of cosmic acceleration. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
858	Majoron as the QCD axion in a radiative seesaw model. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	11
857	Robust predictions for an oscillatory bispectrum in Planck 2015 data from transient reductions in the speed of sound of the inflaton. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	9
856	Constraints on Kähler moduli inflation from reheating. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	16
855	Inflationary features and shifts in cosmological parameters from Planck 2015 data. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	18
854	Extranatural inflation redux. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	1
853	QCD axions and axionlike particles in a two-inflation scenario. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	6
852	Natural inflation from polymer quantization. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	2
851	Hybrid loop quantum cosmology and predictions for the cosmic microwave background. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	25

850	Analytic approximation for the primordial spectra of single scalar potential models and its use in their reconstruction. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	3
849	Running of the spectrum of cosmological perturbations in string gas cosmology. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	3
848	Large number limit of multifield inflation. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	
847	Testing physical models for dipolar asymmetry with CMB polarization. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	12
846	Impact of neutrino properties on the estimation of inflationary parameters from current and future observations. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	52
845	V-mode polarization in axion inflation and preheating. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	10
844	Dark matter candidates in a visible heavy QCD axion model. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	2
843	Scale-invariant helical magnetic field evolution and the duration of inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 002-002	6.4	20
842	Gravitational leptogenesis in natural inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 007-007	6.4	14
841	Coleman-Weinberg linear inflation: metric vs. Palatini formulation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 041-041	6.4	48
840	Running of featureful primordial power spectra. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	1
839	Constraints on small-field axion inflation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	3
838	Intermediate inflation in a generalized induced-gravity scenario. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	6
837	Inflation from supersymmetry breaking. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	15
836	O(10)M? primordial black holes and string axion dark matter. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	7
835	Initial conditions in chaotic inflation with modified gravity. <b>2017</b> , 164, 01015		
834	Eternal inflation and the quantum birth of cosmic structure. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	7
833	Impact of generalized dissipative coefficient on warm inflationary dynamics in the light of latest Planck data. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	7

832	Correlated primordial spectra in effective theory of inflation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	6
831	Getting super-excited with modified dispersion relations. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 008-008	6.4	15
830	Inflation and high-scale supersymmetry with an EeV gravitino. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	38
829	Kinetically modified non-minimal inflation with exponential frame function. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	
828	Productive interactions: heavy particles and non-Gaussianity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 058-058	6.4	42
827	Primordial black holes from inflaton and spectator field perturbations in a matter-dominated era. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	69
826	Hybrid inflation with low reheat temperature and observable gravity waves. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	6
825	Inflation in an external four-form gauge field. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	
824	Preinflationary dynamics in loop quantum cosmology: Power-law potentials. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	21
823	Robustness of inflation to inhomogeneous initial conditions. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 025-025	6.4	53
822	CMB spectral distortions in generic two-field models. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 002-002	6.4	5
821	Erratum: Higgs portal to inflation and fermionic dark matter [Phys. Rev. D 93, 123513 (2016)]. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	4
820	Cosmological stochastic Higgs field stabilization. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	6
819	Excess entropy and energy feedback from within cluster cores up to $r_{200}$ . <b>2017</b> , 472, 713-726		4
818	Supergravity at 40: Reflections and Perspectives. <b>2017</b> , 873, 012014		3
817	Non-minimal derivative coupling in Palatini cosmology: acceleration in chaotic inflation potential. <b>2017</b> , 901, 012010		6
816	Tunnelling in Dante's Inferno. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 055-055	6.4	1
815	Multi-field effects in a simple extension of $R^2$ inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 044-044	6.4	13

814	Inflationary F (R) Cosmologies. <b>2017</b> , 3, 73		3
813	Reheating via Gravitational Particle Production in Simple Models of Quintessence or $\Lambda$ CDM Inflation. <b>2017</b> , 5, 78		1
812	Bell Inequality and Its Application to Cosmology. <b>2017</b> , 5, 99		2
811	Constraining gravity with hadron physics: neutron stars, modified gravity and gravitational waves. <b>2017</b> , 137, 01013		5
810	Starobinsky Inflation: From Non-SUSY to SUGRA Realizations. <b>2017</b> , 2017, 1-16		15
809	Some aspects of reconstruction using a scalar field in f(T) gravity. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	18
808	Planck intermediate results. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 607, A95	5.1	100
807	Parity breaking signatures from a Chern-Simons coupling during inflation: the case of non-Gaussian gravitational waves. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 034-034	6.4	30
806	Primordial Gravitational Waves with LISA. <b>2017</b> , 840, 012030		6
805	A viable D-term hybrid inflation model. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2017</b> , 2017, 033-033		4
804	What could we learn about high energy particle physics from cosmological observations at largest spatial scales ?. <b>2017</b> , 164, 01034		
803	Double inflation as a single origin of primordial black holes for all dark matter and LIGO observations. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	80
802	Time-dependent mass of cosmological perturbations in the hybrid and dressed metric approaches to loop quantum cosmology. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	14
801	Axion gauge field inflation and gravitational leptogenesis: A lower bound on B modes from the matter-antimatter asymmetry of the Universe. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	39
800	From R2 gravity to no-scale supergravity. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	11
799	Nonthermal production of dark matter from primordial black holes. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	25
798	Very low scale Coleman-Weinberg inflation with nonminimal coupling. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	6
797	Manyfield inflation in random potentials. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 037-037	6.4	21

796	Primordial black hole dark matter from single field inflation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	124
795	Coexistence of early-time inflation and late-time acceleration with scalar fields in theory of F(G,T) gravity. <b>2018</b> , 27, 1850078		6
794	Phase portraits of general f(T) cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 052-052	6.4	35
793	Cosmology of non-minimal derivative coupling to gravity in Palatini formalism and its chaotic inflation. <i>Physics of the Dark Universe</i> , <b>2018</b> , 20, 20-27	4.4	16
792	Observable traces of non-metricity: New constraints on metric-affine gravity. <b>2018</b> , 780, 294-299		61
791	Palatini formalism: a new approach to cosmological perturbation theory in anisotropic inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 001-001	6.4	6
790	Physics of superheavy dark matter in supergravity. <b>2018</b> , 27, 1841011		19
789	Collective behavior of light in vacuum. <b>2018</b> , 97,		3
788	Closing in on the large-scale CMB power asymmetry. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	4
787	A Bayesian analysis of inflationary primordial spectrum models using Planck data. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 004-004	6.4	12
786	Exponential inflation with F(R) gravity. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	11
785	Palatini side of inflationary attractors. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	50
784	From non-trivial geometries to power spectra and vice versa. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 003-003	6.4	4
783	Consistent scalar and tensor perturbation power spectra in single fluid matter bounce with dark energy era. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	14
782	MSSM inflation and cosmological attractors. <b>2018</b> , 15, 1840001		7
781	Scalar field assisted f(R) gravity inflation. <b>2018</b> , 15, 1850137		9
780	Probing primordial features with next-generation photometric and radio surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 044-044	6.4	18
779	Interacting dark sector and the coincidence problem within the scope of LRS Bianchi type I model. <b>2018</b> , 363, 1		3

778	Gravitational wave signals and cosmological consequences of gravitational reheating. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 046-046	6.4	17
777	Towards cosmological dynamics from loop quantum gravity. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	35
776	Exploring cosmic origins with CORE: Survey requirements and mission design. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 014-014	6.4	68
775	Exploring cosmic origins with CORE: Inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 016-016	6.4	52
774	Exploring cosmic origins with CORE: Cosmological parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 017-017	6.4	54
773	Structure formation and microlensing with axion miniclusters. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	54
772	Constraints on a generalized deceleration parameter from cosmic chronometers. <b>2018</b> , 33, 1850056		23
771	Universality of multi-field attractors. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 028-028.	4	35
770	Reconciling tensor and scalar observables in G-inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 039-039	6.4	6
769	Vacuum fluctuations in an ancestor vacuum: A possible dark energy candidate. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	2
768	Observational constraints on the primordial curvature power spectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 007-007	6.4	15
767	Theory and phenomenology of Planckian interacting massive particles as dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 027-027	6.4	48
766	Gauge-invariant quantum gravitational corrections to correlation functions. <b>2018</b> , 35, 055006		26
765	Does anisotropic inflation produce a small statistical anisotropy?. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 049-049	6.4	27
764	A novel way to determine the scale of inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 006-006	6.4	24
763	Late time sky as a probe of steps and oscillations in primordial Universe. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 051-051	6.4	10
762	Bulk viscous quintessential inflation. <b>2018</b> , 27, 1850052		15
761	Corpuscular slow-roll inflation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	14

760	One-loop quantum gravitational corrections to the scalar two-point function at fixed geodesic distance. <b>2018</b> , 35, 035005		5
759	Signatures of Higgs dilaton and critical Higgs inflation. <b>2018</b> , 376,		3
758	Loop quantum cosmology scalar field models. <b>2018</b> , 15, 1850071		6
757	Effect of reheating on predictions following multiple-field inflation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	7
756	Systematics of constant roll inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 004-004.	6.4	34
755	Primordial black holes perspectives in gravitational wave astronomy. <b>2018</b> , 35, 063001		326
754	Probing features in inflaton potential and reionization history with future CMB space observations. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 017-017	6.4	19
753	Finding the chiral gravitational wave background of an axion-SU(2) inflationary model using CMB observations and laser interferometers. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	55
752	Tachyon warm inflation with the effects of loop quantum cosmology in the light of Planck 2015. <b>2018</b> , 27, 1850056		5
751	Resurrecting the Power-law, Intermediate, and Logamediate Inflations in the DBI Scenario with Constant Sound Speed. <i>Astrophysical Journal</i> , <b>2018</b> , 853, 188	4.7	9
750	Hill-climbing Higgs inflation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	15
749	Self-resonance after inflation: Oscillons, transients, and radiation domination. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	87
748	Observational signatures of the parametric amplification of gravitational waves during reheating after inflation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	14
747	Oscillating spin-2 dark matter. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	27
746	Gravitational Waves from Oscillons with Cuspy Potentials. <b>2018</b> , 120, 031301		37
745	New perspectives on constant-roll inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 024-024	6.4	29
744	Viable tensor-to-scalar ratio in a symmetric matter bounce. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 030-030	6.4	16
743	Lensing bias to CMB polarization measurements of compensated isocurvature perturbations. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	3



742	The anisotropic distribution of the dark energy within the scope of LRS Bianchi type I model. <b>2018</b> , 363, 1		6
741	Seven lessons from manyfield inflation in random potentials. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 036-036	6.4	16
740	Observed galaxy power spectrum in cubic Galileon model. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 045-045	6.4	8
739	Cosmological implications of Higgs near-criticality. <b>2018</b> , 376,		6
738	Reconstruction of slow-roll F(R) gravity inflation from the observational indices. <b>2018</b> , 388, 267-275		24
737	Frame covariant nonminimal multifield inflation. <b>2018</b> , 927, 219-254		27
736	Gravitino problem in inflation driven by inflaton-polonyi Kähler coupling. <b>2018</b> , 777, 270-274		9
735	Loop quantum cosmology-corrected Gauss-Bonnet singular cosmology. <b>2018</b> , 15, 1850064		13
734	Primordial black hole production in Critical Higgs Inflation. <b>2018</b> , 776, 345-349		123
733	Detecting higher spin fields through statistical anisotropy in the CMB and galaxy power spectra. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	36
732	Searching for dark matter-dark energy interactions: Going beyond the conformal case. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	40
731	Massive gravity and the suppression of anisotropies and gravitational waves in a matter-dominated contracting universe. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 011-011	6.4	8
730	Can power spectrum observations rule out slow-roll inflation?. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 019-019	6.4	5
729	Cosmic acceleration in a dust only universe via energy-momentum powered gravity. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	35
728	The role of fluctuation-dissipation dynamics in setting initial conditions for inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 002-002	6.4	16
727	Exploring the hyperchargeless Higgs triplet model up to the Planck scale. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	22
726	Cosmology and fundamental physics with the Euclid satellite. <b>2018</b> , 21, 2		366
725	Attractor cosmology from nonminimally coupled gravity. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	8

724	A time-varying deceleration parameter for unified description of cosmological evolution. <b>2018</b> , 15, 1850145	6
723	Primordial spectra of slow-roll inflation at second-order with the Gauss-Bonnet correction. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9 19
722	Reconstructing warm inflation. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2 19
721	The reconstruction of $f(R)$ and mimetic gravity from viable slow-roll inflation. <b>2018</b> , 929, 79-112	29
720	Production of gravitational waves during preheating with nonminimal coupling. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9 11
719	Quantum gravity fluctuations flatten the Planck-scale Higgs potential. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9 43
718	Intrinsic entropy perturbations from the dark sector. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 027-027	6.4 6
717	Viable inflationary evolution from Einstein frame loop quantum cosmology. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9 3
716	Noether symmetry approach in the cosmological alpha-attractors. <b>2018</b> , 931, 216-225	7
715	Point particle motion in double field theory and a singularity-free cosmological solution. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9 12
714	Attractor models in scalar-tensor theories of inflation. <b>2018</b> , 27, 1850079	3
713	Propagators for gauge-invariant observables in cosmology. <b>2018</b> , 35, 095010	8
712	Probing features in the primordial perturbation spectrum with large-scale structure data. <b>2018</b> , 477, 2503-2512	13
711	CMB constraints on exponential inflationary models. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 023-023	6.4 12
710	Probing large-scale magnetism with the cosmic microwave background. <b>2018</b> , 35, 084003	13
709	What can we learn from the stochastic gravitational wave background produced by oscillons?. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 032-032	6.4 20
708	Perturbation spectra in the warm k-inflation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9 7
707	Tensor modes in pure natural inflation. <b>2018</b> , 780, 106-110	6

706	Constraining warm inflation with CMB data. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 054-054	6.4	28
705	Integrable cosmological models in the Einstein and in the Jordan frames and Bianchi-I cosmology. <b>2018</b> , 49, 1-4		4
704	Study of some chaotic inflationary models in $(f(R))$ gravity. <b>2018</b> , 363, 1		
703	Recent discoveries from the cosmic microwave background: a review of recent progress. <b>2018</b> , 81, 044901		20
702	Warm logamediate inflation in Starobinsky inflationary model. <b>2018</b> , 27, 1750191		1
701	Angular power spectrum in publically released ALICE events. <b>2018</b> , 970, 107-132		4
700	A proposal for constraining initial vacuum by cosmic microwave background. <b>2018</b> , 35, 015008		0
699	A smooth constant-roll to a slow-roll modular inflation transition. <b>2018</b> , 27, 1850009		13
698	Creation of an inflationary universe out of black hole spacetime. <b>2018</b> , 33, 1844005		
697	Inflationary magneto-(non)genesis, increasing kinetic couplings, and the strong coupling problem. <b>2018</b> , 35, 105015		9
696	Constraints on brane-world inflation from the CMB power spectrum: revisited. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 028-028	6.4	7
695	Higgs inflation at the hilltop. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 005-005	6.4	46
694	Fixed point and anomaly mediation in partial $\mathcal{N}=2$ supersymmetric standard models. <b>2018</b> , 42, 013104		8
693	Generalized two-field attractor models from the hyperbolic triply-punctured sphere. <b>2018</b> , 937, 434-477		5
692	On static and spherically symmetric solutions of Starobinsky model. <b>2018</b> , 18, 157		8
691	Exploring axionlike particles beyond the canonical setup. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	8
690	Maximal extensions and singularities in inflationary spacetimes. <b>2018</b> , 35, 155019		13
689	Reconstructing $f(R)$ gravity from the spectral index. <b>2018</b> , 2018,		2

688	Inflationary cosmology via quantum corrections in M-theory. <b>2018</b> , 2018,		2
687	Mass hierarchies and dynamical field range. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	27
686	Correlations of the feedback energy and BCG radio luminosity in galaxy clusters. <b>2018</b> , 480, L68-L73		0
685	Axion isocurvature perturbations in low-scale models of hybrid inflation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	12
684	Connecting CMB anisotropy and cold dark matter phenomenology via reheating. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	19
683	Gauge-ready formulation of cosmological perturbations in scalar-vector-tensor theories. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	5
682	The Quest for the Inflationary Spectral Runnings in the Presence of Systematic Errors. <i>Astrophysical Journal</i> , <b>2018</b> , 862, 137	4.7	3
681	Dark Matter and Baryon Asymmetry from the very Dawn of Universe. <b>2018</b> , 191, 08002		
680	Non-Gaussianities in a two-field generalization of natural inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 027-027	6.4	5
679	Sneutrinos as mixed inflaton and curvaton. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 011-011	6.4	4
678	Phenomenology of fermion production during axion inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 020-020	6.4	31
677	Palatini NMDC gravity: cosmological scalar field phase portraits in exponential potential. <b>2018</b> , 1144, 012128		1
676	Reconstruction of extended inflationary potentials for attractors. <b>2018</b> , 133, 1		7
675	Flows into inflation: An effective field theory approach. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	5
674	Squeezed bispectrum from multi-field inflation with curved field space metric. <i>Physics of the Dark Universe</i> , <b>2018</b> , 22, 152-161	4.4	
673	Inflationary attractors from nonminimal coupling. <b>2018</b> , 168, 06003		1
672	Cosmic degeneracies III: N-body simulations of interacting dark energy with non-Gaussian initial conditions. <b>2018</b> , 481, 2933-2945		5
671	Galaxy bispectrum from massive spinning particles. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 013-013	6.4	33

670	Isocurvature initial conditions for second order Boltzmann solvers. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 020-020	6.4	5
669	From inflation to cosmological electroweak phase transition with a complex scalar singlet. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	20
668	Inflationary scale, reheating scale, and pre-BBN cosmology with scalar fields. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	25
667	Scale-dependent galaxy bias from massive particles with spin during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 010-010	6.4	20
666	21 cm angular power spectrum from minihalos as a probe of primordial spectral runnings. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 053-053	6.4	12
665	Pole inflation in Jordan frame supergravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 031-031	6.4	2
664	Reconstruction of a direction-dependent primordial power spectrum from Planck CMB data. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 012-012	6.4	5
663	Big Bang nucleosynthesis constraint on baryonic isocurvature perturbations. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 003-003	6.4	10
662	Dual spacetime and nonsingular string cosmology. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	12
661	Nonlinear perturbations from the coupling of the inflaton to a non-Abelian gauge field, with a focus on Chromo-Natural Inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 030-030	6.4	21
660	Supergravity, attractors and primordial non-Gaussianity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 017-017	6.4	6
659	A new solar neutrino channel for grand-unification monopole searches. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 034-034	6.4	1
658	Beyond Starobinsky inflation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	10
657	Reheating constraints on tachyon inflation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	9
656	Primordial fluctuations of scale factor in closed Universe in Einstein-Cartan gravity. <b>2018</b> , 33, 1850236		4
655	Space-time quasicrystal structures and inflationary and late time evolution dynamics in accelerating cosmology. <b>2018</b> , 35, 245009		9
654	Probing non-Gaussian stochastic gravitational wave backgrounds with LISA. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 034-034	6.4	42
653	Gauging fine-tuning. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6

652	Toward a Measurement of the Transverse Peculiar Velocity of Galaxy Pairs. <i>Astrophysical Journal</i> , <b>2018</b> , 868, 69	4.7	2
651	Constraints on the reheating parameters after Gauss-Bonnet inflation from primordial gravitational waves. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	10
650	Schwinger effect in inflaton-driven electric field. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	17
649	Simple no-scale model of modulus fixing and inflation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	
648	Imprints of Oscillatory Bispectra on Galaxy Clustering. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 003-003	6.4	16
647	The 'unitarity problem' of Higgs inflation in the light of collapse dynamics. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 009-009	6.4	
646	Renormalization of the inflationary perturbations revisited. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 001-001	6.4	3
645	Nonminimally coupled pseudoscalar inflaton. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6
644	A simple UV completion for Higgs and Higgs-dilaton inflation. <b>2018</b> , 191, 08005		
643	Nonperturbative $\mathcal{N}$ formalism. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	1
642	Inflation with Gauss-Bonnet coupling. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	38
641	Initial conditions for inflation in an FRW universe. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	22
640	Reconciling low multipole anomalies and reheating in single field inflationary models. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 018-018	6.4	1
639	SPIDER: CMB Polarimetry from the Edge of Space. <b>2018</b> , 193, 1112-1121		20
638	Free-form modelling of galaxy clusters: a Bayesian and data-driven approach. <b>2018</b> , 481, 3853-3864		4
637	Pitfalls of a power-law parametrization of the primordial power spectrum for primordial black hole formation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	6
636	A geometrical instability for ultra-light fields during inflation?. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 037-037	6.4	16
635	Status of the GroundBIRD Telescope. <b>2018</b> , 168, 01014		

634	Consistency relations in multi-field inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 008-008	6.4	5
633	Power-law inflation with minimal and nonminimal coupling. <b>2018</b> , 133, 1		4
632	Strong dynamics and natural inflation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	3
631	On higher derivative corrections to the R+R2 inflationary model. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 007-007	6.4	19
630	Two-loop corrections to Starobinsky-Higgs inflation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	25
629	Consistent early and late time cosmology from the RG flow of gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 004-004	6.4	15
628	Phenomenology of quantum reduced loop gravity in the isotropic cosmological sector. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	10
627	Non-Gaussianity from axion-gauge fields interactions during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 029-029	6.4	23
626	Small-field and scale-free: inflation and ekpyrosis at their extremes. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 001-001	6.4	26
625	Preinflationary dynamics in loop quantum cosmology: monodromy potential. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 003-003	6.4	16
624	Flattened non-Gaussianities from the effective field theory of inflation with imaginary speed of sound. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 005-005	6.4	20
623	Big bang nucleosynthesis, the CMB, and the origin of matter and space-time. <b>2018</b> ,		
622	The simplest origin of the big bounce and inflation. <b>2018</b> , 27, 1847020		9
621	Robustness of inflation to large tensor perturbations. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 065-065	6.4	19
620	Identifying universality in warm inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 021-021	6.4	16
619	Inflation in the mixed Higgs-R2 model. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 064-064	6.4	57
618	QCD axion window and low-scale inflation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	72
617	The MESS of cosmological perturbations. <b>2018</b> , 784, 367-372		2

616	Inflation in multi-field modified DBM potentials. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 042-042	6.4	10
615	Imprint of entanglement entropy in the power spectrum of inflationary fluctuations. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	7
614	On synthetic gravitational waves from multi-field inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 062-062	6.4	14
613	Constraints on the radiation temperature before inflation. <b>2018</b> , 123, 49002		1
612	Non Gaussianities from quantum decoherence during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 037-037	6.4	14
611	Gravitational wave forest from string axiverse. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 008-008	6.4	31
610	Quantum gravity, time, bounces, and matter. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	11
609	Degeneracy in the spectrum and bispectrum among featured inflaton potentials. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 068-068	6.4	0
608	Inflation constraints for classes of $f(R)$ models. <b>2018</b> , 15, 1850209		1
607	Observational status of Tachyon Natural Inflation and reheating. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 044-044	6.4	5
606	The decisive future of inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 070-070	6.4	1
605	Primordial black holes and second order gravitational waves from ultra-slow-roll inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 007-007	6.4	63
604	Studying G-axion inflation model in light of PLANCK. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 065-065	6.4	1
603	Impact of EDGES 21-cm global signal on the primordial power spectrum. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	9
602	New general parametrization of quintessence fields and its observational constraints. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	8
601	Mimicking dark matter and dark energy in a mimetic model compatible with GW170817. <i>Physics of the Dark Universe</i> , <b>2018</b> , 22, 108-115	4.4	50
600	Dynamical and observational constraints on the warm little inflaton scenario. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	20
599	Euclidean Wormholes, Baby Universes, and Their Impact on Particle Physics and Cosmology. <b>2018</b> , 5,		36



598	Cosmic acceleration with tachyon field. <b>2018</b> , 33, 1850199		1
597	Generalized two-field attractor models from geometrically finite hyperbolic surfaces. <b>2018</b> , 936, 542-596		7
596	Primordial black hole dark matter and LIGO/Virgo merger rate from inflation with running spectral indices: formation in the matter- and/or radiation-dominated universe. <b>2018</b> , 35, 235017		22
595	On the validity of cosmic no-hair conjecture in an anisotropic inflationary model. <b>2018</b> , 1034, 012001		
594	Dark matter and baryon asymmetry from the very dawn of the Universe. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	5
593	Measuring the duration of inflation with the curvaton. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	5
592	Primordial black hole production in inflationary models of supergravity with a single chiral superfield. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	35
591	Preinflationary Dynamics of Power-Law Potential in Loop Quantum Cosmology $\square$ <b>2018</b> , 4, 87		7
590	Preinflationary dynamics of an attractor in loop quantum cosmology. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	16
589	Qualitative dynamics and inflationary attractors in loop cosmology. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	25
588	Detecting higher spin fields through statistical anisotropy in the CMB bispectrum. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	21
587	Inflation and dark energy in $f(R, X, \square)$ gravity. <b>2018</b> , 33, 1850215		4
586	Non-Gaussian features of primordial gravitational waves. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	4
585	Particle decay in post inflationary cosmology. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	9
584	Confronting phantom inflation with Planck data. <b>2018</b> , 363, 1		
583	Inflation from a no-scale supersymmetric $SU(4)_{\text{CMB}}(2)_{\text{L}}(2)_{\text{R}}$ model. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	12
582	Slow-roll corrections in multi-field inflation: a separate universes approach. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 021-021	6.4	
581	Hunting for statistical anisotropy in tensor modes with B-mode observations. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	7

580	Reconstructing the Inflationary Landscape with Cosmological Data. <b>2018</b> , 121, 161302		16
579	Loop corrections to primordial fluctuations from inflationary phase transitions. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 009-009	6.4	4
578	Landscape tomography through primordial non-Gaussianity. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	20
577	Family of scalar-nonmetricity theories of gravity. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	26
576	Scalar spectra of primordial perturbations in loop quantum cosmology. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	9
575	Bell inequalities violation within non-Bunch-Davies states. <b>2018</b> , 786, 403-409		5
574	Gravity waves and proton decay in a flipped SU(5) hybrid inflation model. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	7
573	Enhanced photon coupling of ALP dark matter adiabatically converted from the QCD axion. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 042-042	6.4	9
572	Comparing potential-driven D-brane inspired non-minimal kinetic coupling (Dinkic) inflation with observational data. <b>2018</b> , 42, 045102		2
571	Scalar-torsion theories of gravity. I. General formalism and conformal transformations. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	33
570	Scalar-torsion theories of gravity. II. L(T, X, Y, ?) theory. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	31
569	The primordial magnetic field in our cosmic backyard. <b>2018</b> , 35, 154001		14
568	Primordial fluctuations and non-Gaussianities in sidetracked inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 057-057	6.4	41
567	Intrinsic galaxy alignment from angular dependent primordial non-Gaussianity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 014-014	6.4	17
566	Dark energy from attractors: phenomenology and observational constraints. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 022-022	6.4	21
565	Oscillons from pure natural inflation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	15
564	Noether symmetry in a nonlocal f(T) gravity. <b>2018</b> , 935, 256-270		4
563	Magnetic seed and cosmology as quantum hall effect. <b>2018</b> , 785, 399-402		4

562	Constraints on inflation with LSS surveys: features in the primordial power spectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 004-004	6.4	13
561	Effect of $\bar{v}$ on the scalar and tensor spectral indices: Slow-roll approximation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	2
560	Planck 2015 Constraints on the Non-flat $\Lambda$ CDM Inflation Model. <i>Astrophysical Journal</i> , <b>2018</b> , 864, 80	4.7	61
559	Weak Gravity Conjecture From Low Energy Observers' Perspective. <b>2018</b> , 66, 1800016		3
558	Using the full power of the cosmic microwave background to probe axion dark matter. <b>2018</b> , 476, 3063-3085		49
557	Influence of super-horizon modes on correlation functions during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 022-022	6.4	3
556	A minimal gauge inflation model. <b>2018</b> , 42, 095102		2
555	Quadratic Gravity. <b>2018</b> , 6,		63
554	Quantum corrections to quartic inflation with a non-minimal coupling: metric vs. Palatini. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 029-029	6.4	52
553	Power-law modulation of the scalar power spectrum from a heavy field with a monomial potential. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 001-001	6.4	7
552	Attractor behaviour in multifield inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 032-032	6.4	41
551	Primordial perturbations with pre-inflationary bounce. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	7
550	Confronting Kaluza-Klein moduli inflation with CMB data. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	9
549	Search for strongly blue axion isocurvature. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	4
548	Probability of warm inflation in loop quantum cosmology. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	12
547	Gravitational waves from asymmetric oscillon dynamics?. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	27
546	Small field models with gravitational wave signature supported by CMB data. <b>2018</b> , 13, e0197735		7
545	Primordial Gravitational Waves and Reheating in a New Class of Plateau-Like Inflationary Potentials. <b>2018</b> , 4, 77		1

544	Galileon Intermediate Inflation. <i>Astrophysical Journal</i> , <b>2018</b> , 864, 41	4.7	9
543	Revisiting non-Gaussianity from non-attractor inflation models. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 012-012	6.4	34
542	Higgs field-curvature coupling and postinflationary vacuum instability. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	19
541	Ruling out critical Higgs inflation?. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	16
540	The Vacuum State of Primordial Fluctuations in Hybrid Loop Quantum Cosmology. <b>2018</b> , 4, 98		11
539	Limits on statistical anisotropy from BOSS DR12 galaxies using bipolar spherical harmonics. <b>2018</b> , 473, 2737-2752		20
538	Standard model vacuum decay in a de Sitter background. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	10
537	UV conformal window for asymptotic safety. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	19
536	Detecting primordial gravitational waves with circular polarization of the redshifted 21 cm line. II. Forecasts. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	6
535	$\mathbb{M}$ formalism and anisotropic chaotic inflation power spectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 047-047	6.4	3
534	Approximate likelihood approaches for detecting the influence of primordial gravitational waves in cosmic microwave background polarization. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	2
533	Scalaron from R2-gravity as a heavy field. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 042-042	6.4	99
532	Inflationary predictions of double-well, Coleman-Weinberg, and hilltop potentials with non-minimal coupling. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 046-046	6.4	11
531	Hunting high and low: disentangling primordial and late-time non-Gaussianity with cosmic densities in spheres. <b>2018</b> , 474, 2853-2870		18
530	Non-Gaussianity in loop quantum cosmology. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	19
529	Generic analysis of kinetically driven inflation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	1
528	Axion inflation, proton decay, and leptogenesis in $SU(5)\times U(1)_{PQ}$ . <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	13
527	Gravitational Wave Polarizations in $f(R)$ Gravity and Scalar-Tensor Theory. <b>2018</b> , 168, 01003		23

526	Tachyon constant-roll inflation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	15
525	Energy conditions in higher derivative $f(R, \mathcal{R}, T)$ gravity. <b>2018</b> , 15, 1850146		14
524	Scalar field dark matter with spontaneous symmetry breaking and the 3.5 keV line. <b>2018</b> , 781, 639-644		15
523	Cosmologically allowed regions for the axion decay constant $F_a$ . <b>2018</b> , 782, 181-184		9
522	CMB spectral distortion of multiple inflation scenario. <b>2018</b> , 782, 117-123		1
521	Superconformal subcritical hybrid inflation. <b>2018</b> , 782, 367-371		7
520	A tomographic test of cosmological principle using the JLA compilation of type Ia supernovae. <b>2018</b> , 478, 3633-3639		11
519	Anisotropic inflation with derivative couplings. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	13
518	Quintessential inflation: A unified scenario of inflation and dark energy. <b>2018</b> , 168, 04007		3
517	Mechanisms for primordial black hole production in string theory. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 005-005	6.4	76
516	Observational constraints on quantum decoherence during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 063-063	6.4	26
515	Primordial black holes from string inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 034-034	6.4	61
514	Inflation with Planck data: A survey of some exotic inflationary models. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	8
513	Primordial black hole formation during slow reheating after inflation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	32
512	Inflation from high-scale supersymmetry breaking. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	14
511	Semianalytic calculation of gravitational wave spectrum nonlinearly induced from primordial curvature perturbations. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	134
510	Super inflation mechanism with oscillating scalar fields in $F(R, T)$ gravity. <b>2018</b> , 27, 1850112		10
509	New experimental approaches in the search for axion-like particles. <b>2018</b> , 102, 89-159		310

508	Light inflaton completing Higgs inflation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	23
507	Reconstructing G inflation: From the attractors $n_S(N)$ and $r(N)$ . <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	8
506	Axion and hidden photon dark matter detection with multilayer optical haloscopes. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	65
505	Gravitational Waves, Term and Leptogenesis from B L Higgs Inflation in Supergravity. <b>2018</b> , 4, 13		9
504	On the robustness of the primordial power spectrum in renormalized Higgs inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 040-040	6.4	49
503	Cosmological backgrounds of gravitational waves. <b>2018</b> , 35, 163001		265
502	High energy physics and cosmology at the unification frontier: Opportunities and challenges in the coming years. <b>2018</b> , 33, 1830017		4
501	Inflaton fragmentation in E models of cosmological attractors. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	8
500	The Third Quantization: To Tunnel or Not to Tunnel?. <b>2018</b> , 6, 19		0
499	Primordial power spectrum from the DaporDiegener model of loop quantum cosmology. <b>2018</b> , 50, 1		21
498	Inflation in Mimetic $f(G)$ Gravity. <b>2018</b> , 10, 170		17
497	Pure-Connection Gravity and Anisotropic Singularities. <b>2018</b> , 4, 12		1
496	Predictions of Spectral Parameters by Several Inflationary Universe Models in Light of the Planck Results. <b>2018</b> , 4, 15		11
495	Hypersnatural inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 035-035	6.4	22
494	The $(f(R, T^\phi))$ gravity models with conservation of energy-momentum tensor. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	7
493	On the Problem of Initial Conditions for Inflation. <b>2018</b> , 48, 1246-1260		21
492	Dark energy, attractors, and large-scale structure surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 041-041	6.4	69
491	Statistically anisotropic tensor modes from inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 023-023	6.4	18

490	Expectation of primordial gravity waves generated during inflation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	11
489	Erratum: Inflation and cosmological dynamics in $f(R)$ gravity [Phys. Rev. D 96, 103518 (2017)]. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	
488	Halometry from astrometry. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 041-041	6.4	39
487	Modified Gauss-Bonnet gravity with radiating fluids. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	11
486	The observational constraint on constant-roll inflation. <b>2018</b> , 61, 1		14
485	Covariant formulation of scalar-torsion gravity. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	73
484	Constant-roll tachyon inflation and observational constraints. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 005-005	6.4	23
483	Constant-roll (quasi-)linear inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 011-0116.4	6.4	33
482	Mutated hilltop inflation revisited. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	2
481	Scalar bispectrum beyond slow-roll in the unified EFT of inflation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	4
480	Anisotropic massive gauge-inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 052-052	6.4	10
479	Cosmological bounds on dark matter-photon coupling. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	23
478	Observational Viability of an Inflation Model with E-model Nonminimal Derivative Coupling. <i>Astrophysical Journal</i> , <b>2018</b> , 863, 133	4.7	10
477	Constant-roll inflation in $f(T)$ teleparallel gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 026-026	6.4	33
476	Viable inflation in scalar-Gauss-Bonnet gravity and reconstruction from observational indices. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	64
475	Inflation in an effective gravitational model and asymptotic safety. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	21
474	Stochastic axion scenario. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	70
473	Inflation in gauge theory of gravity with local scaling symmetry and quantum induced symmetry breaking. <b>2018</b> , 784, 163-168		8

472	Primordial black holes and associated gravitational waves in axion monodromy inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 001-001	6.4	36
471	Detecting axion stars with radio telescopes. <b>2018</b> , 781, 187-194		23
470	Cosmological bounds on the field content of asymptotically safe gravity theories. <b>2018</b> , 784, 229-236		30
469	Series solutions of single-field models of inflation. <b>2018</b> , 1030, 012008		
468	Domain wall and isocurvature perturbation problems in a supersymmetric axion model. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	5
467	Instant preheating in quintessential inflation with attractors. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	48
466	Observational constraints on warm quasi-exponential inflation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	5
465	Power-counting during single-field slow-roll inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 016-016	6.4	6
464	New universal attractor in nonminimally coupled gravity: Linear inflation. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	38
463	Weak lensing probe of cubic Galileon model. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 017-017	6.4	10
462	On the constant-roll inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 052-052	6.4	37
461	Power-law plateau and inverse symmetric inflation. <b>2018</b> , 27, 1850087		1
460	Reconstructions of the dark-energy equation of state and the inflationary potential. <b>2018</b> , 50, 82		22
459	Dynamics of inflation and dark energy from F(R,G) gravity. <b>2019</b> , 938, 935-956		36
458	Gravitoelectromagnetic inflation and seeds of cosmic magnetic fields from geometrical Weyl-invariant scalar-tensor theory of gravity. <b>2019</b> , 97, 517-523		3
457	Case for kinetically dominated initial conditions for inflation. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	13
456	Despicable dark relics: generated by gravity with unconstrained masses. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 005-005	6.4	27
455	Mixed non-gaussianity from axion-gauge field dynamics. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 044-044	6.4	11



454	Non-Gaussianity from entanglement during inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 021-021	6.4	1
453	Inflationary spectral tilts as a result of the dilatation symmetry breaking. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	
452	Quantifying tensions in cosmological parameters: Interpreting the DES evidence ratio. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	43
451	When primordial black holes from sound speed resonance meet a stochastic background of gravitational waves. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	45
450	Spinodal solution to swampland inflationary constraints. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	6
449	High-redshift minihaloes from modulated preheating. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	0
448	Inflation model selection revisited. <b>2019</b> , 62, 1		4
447	Numerical calculation of hubble hierarchy parameters and observational parameters of inflation. <b>2019</b> ,		1
446	Charged gravastars in modified gravity. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	41
445	Higgs inflation and cosmological electroweak phase transition with N scalars in the post-Higgs era. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	7
444	Cosmological window onto the string axiverse and the supersymmetry breaking scale. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	44
443	Hunting for superheavy dark matter with the highest-energy cosmic rays. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	13
442	Gravitational perturbations from oscillons and transients after inflation. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	39
441	Anisotropic inflation with coupled p-forms. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 025-025	6.4	9
440	Cosmic Microwave Background from Effective Field Theory □ <b>2019</b> , 5, 155		4
439	Generalized conformal transformation and inflationary attractors. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	2
438	(P)reheating after minimal plateau inflation and constraints from CMB. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 018-018	6.4	13
437	Constraining the kinetically dominated universe. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	16

436	Metastability in quadratic gravity. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	28
435	Induced gravity and quantum cosmology. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	5
434	Warm G inflation: Intermediate model. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	3
433	Resurrecting quartic and quadratic inflaton potentials in a two-field inflationary model. <b>2019</b> ,		
432	Trans-Planckian effects in warm inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 002-002	6.4	4
431	Understanding gravitational particle production in quintessential inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 056-056	6.4	9
430	The late cosmic acceleration and the coincidence problem in Bianchi type I Universe. <b>2019</b> , 34, 1950239		1
429	How to produce an arbitrarily small tensor to scalar ratio. <b>2019</b> , 34, 1950131		0
428	On hilltop and brane inflation after Planck. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 030-030	6.4	11
427	A Hamilton-Jacobi formulation of anisotropic inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 044-044	6.4	10
426	Inflationary perturbation spectrum in extended effective field theory of inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 064-064	6.4	5
425	B-mode targets. <b>2019</b> , 798, 134970		8
424	Joint Bayesian analysis of large angular scale CMB temperature anomalies. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 007-007	6.4	7
423	Axion dark matter from Higgs inflation with an intermediate $H^*$ . <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 033-033	6.4	27
422	Slow expansion in the scalar-tensor theory of gravity. <b>2019</b> , 409, 167921		
421	Cosmic microwave background dipole asymmetry could be explained by axion monodromy cosmic strings. <i>Physics of the Dark Universe</i> , <b>2019</b> , 26, 100407	4.4	1
420	Angular inflation in multi-field attractors. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 002-002	6.4	25
419	Viable scalar spectral tilt and tensor-to-scalar ratio in near-matter bounces. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	8

4 <sup>18</sup>	Quintessential inflation with a trap and axionic dark matter. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	6
4 <sup>17</sup>	Label switching problem in Bayesian analysis for gravitational wave astronomy. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	8
4 <sup>16</sup>	Resonant reconciliation of convex-potential inflation models and the Planck data. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	3
4 <sup>15</sup>	Genericness of pre-inflationary dynamics and probability of the desired slow-roll inflation in modified loop quantum cosmologies. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	18
4 <sup>14</sup>	Mimetic DBI Inflation in Confrontation with Planck2018 Data. <i>Astrophysical Journal</i> , <b>2019</b> , 882, 78	4.7	6
4 <sup>13</sup>	Hamiltonian diagonalization in hybrid quantum cosmology. <b>2019</b> , 36, 185010		8
4 <sup>12</sup>	Isocurvature bounds on axion-like particle dark matter in the post-inflationary scenario. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 021-021	6.4	6
4 <sup>11</sup>	Slow-roll inflation in generalized scalar-torsion gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 029-029	6.4	12
4 <sup>10</sup>	Slow-roll inflation in scalar-tensor models. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 007-007	6.4	8
4 <sup>09</sup>	Time-sliced perturbation theory with primordial non-Gaussianity and effects of large bulk flows on inflationary oscillating features. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 037-037	6.4	9
4 <sup>08</sup>	Exploring the CMB power suppression in canonical inflation models. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 017-017	6.4	
4 <sup>07</sup>	CMB-S4 forecast on the primordial non-Gaussianity parameter of feature models. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	2
4 <sup>06</sup>	Loglinear series expansions with applications to primordial cosmology. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	4
4 <sup>05</sup>	Modular inflation at higher levelN. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 036-036	6.4	3
4 <sup>04</sup>	Cosmological decay of Higgs-like scalars into a fermion channel. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	3
4 <sup>03</sup>	Gravitational production of superheavy baryonic and dark matter in quintessential inflation: Nonconformally coupled case. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	5
4 <sup>02</sup>	On backreaction effects in geometrical destabilisation of inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 008-008	6.4	13
4 <sup>01</sup>	21-cm power spectrum and ionization bias as a probe of long-mode modulated non-Gaussian sky. <b>2019</b> , 488, 5941-5951		1

400	Cosmology in a model with Lagrange multiplier, Gauss-Bonnet and nonminimal kinetic couplings. <b>2019</b> , 28, 1950171		2
399	Domestic corpuscular inflaton. <b>2019</b> , 16, 1950108		3
398	Some like it hot: R2 heals Higgs inflation, but does not cool it. <b>2019</b> , 795, 657-665		18
397	Symmetry analysis in inflationary cosmology. <b>2019</b> ,		
396	A study of an Einstein Gauss-Bonnet quintessential inflationary model. <b>2019</b> , 948, 114765		10
395	Realising mutated hilltop inflation in supergravity. <b>2019</b> , 796, 220-224		1
394	Composite Nambu-Goldstone-Lasinio inflation near infrared fixed point of the Hořava-Lifshitz theory. <b>2019</b> , 797, 134918		1
393	Wyman's other scalar field solution, Sultana's generalization, and their Brans-Dicke and R2 relatives. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	10
392	Hadron matter in neutron stars in view of gravitational wave observations. <b>2019</b> , 109, 103715		12
391	Charged vector inflation. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	12
390	Reheating constraints to supersymmetry flat direction inflation. <b>2019</b> , 97, 51-57		2
389	Vacuum decay and bubble nucleation in $f(R)$ gravity. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	3
388	Constraints on brane inflation after Planck 2015: Impacts of the latest local measurement of the Hubble constant. <b>2019</b> , 62, 1		9
387	A primer on modified gravity. <b>2019</b> , 28, 1942004		2
386	Is Cold/Warm inflationary scenario a consequence of particle creation process ?. <b>2019</b> , 403, 136-144		
385	Minimal plateau inflationary cosmologies and constraints from reheating. <b>2019</b> , 36, 045010		9
384	Warm DBI inflation with constant sound speed. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	15
383	A complete FFT-based decomposition formalism for the redshift-space bispectrum. <b>2019</b> , 484, 364-384		31

382	Cosmology-marginalized approaches in Bayesian model comparison: The neutrino mass as a case study. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	13
381	Rescuing quartic and natural inflation in the Palatini formalism. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 005-005	6.4	46
380	Anisotropy of the Universe via the Pantheon supernovae sample revisited. <b>2019</b> , 486, 5679-5689		18
379	Generic slow-roll and non-gaussianity parameters in $f(R)$ theories. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 028-028	6.4	12
378	Primordial black holes from attractors. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 037-037	6.4	73
377	Is de Sitter space always excluded in semiclassical $f(R)$ gravity?. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 005-005	6.4	5
376	Testing the inflationary slow-roll condition with tensor modes. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	6
375	Physics potential of the International Axion Observatory (IAXO). <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 047-047	6.4	64
374	UV physics and the speed of sound during inflation. <b>2019</b> , 134, 1		1
373	On-sky Performance of the CLASS Q-band Telescope. <i>Astrophysical Journal</i> , <b>2019</b> , 876, 126	4.7	12
372	Mimicking features in alternatives to inflation with interacting spectator fields. <b>2019</b> , 790, 263-269		7
371	Estimation of spectrum and parameters of relic gravitational waves using space-borne interferometers. <b>2019</b> , 19, 024		2
370	Line Intensity Mapping with [C ii] and CO(1-0) as Probes of Primordial Non-Gaussianity. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 126	4.7	29
369	Numerical Study of Inflationary Preheating with Arbitrary Power-law Potential and a Realization of Curvaton Mechanism. <i>Astrophysical Journal</i> , <b>2019</b> , 876, 136	4.7	8
368	Observational constraints on constant roll inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 030-030	6.4	12
367	Schwinger-Keldysh mechanism in extended quasi-single field inflation. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	5
366	CMB constraints on dark matter phenomenology via reheating in minimal plateau inflation. <i>Physics of the Dark Universe</i> , <b>2019</b> , 25, 100317	4.4	10
365	Scalar field dark matter spectator during inflation: the effect of self-interaction. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 056-056	6.4	9

364	Lattice formulation of axion inflation. Application to preheating. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 002-002	6.4	30
363	Schwinger mechanism during inflation. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	20
362	Cosmological Coleman-Weinberg potentials and inflation. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	3
361	Effects of the QCD equation of state and lepton asymmetry on primordial gravitational waves. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	9
360	Pseudo-periodic natural Higgs inflation. <b>2019</b> , 945, 114642		1
359	Tachyon inflation in teleparallel gravity. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	7
358	Testing Predictions of the Quantum Landscape Multiverse 3: The Hilltop Inflationary Potential. <b>2019</b> , 11, 520		1
357	Cosmic Inflation, Quantum Information and the Pioneering Role of John S Bell in Cosmology. <b>2019</b> , 5, 92		13
356	k-essence f(R) gravity inflation. <b>2019</b> , 941, 11-27		24
355	New exact spherically symmetric solutions in f(R,?,X) gravity by Noether's symmetry approach. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 016-016	6.4	19
354	Phantom energy-dominated universe as a transient stage in f(R) cosmology. <b>2019</b> , 28, 1950124		8
353	Gravitational wave production after inflation with cuspy potentials. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	18
352	One-loop quantum gravitational backreaction on the local Hubble rate. <b>2019</b> , 36, 095010		4
351	One spectrum to rule them all?. <b>2019</b> , 793, 1-7		1
350	Emerging chromo-natural inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 034-034	6.4	21
349	f(R) gravity inflation with string-corrected axion dark matter. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	40
348	A minimal model of inflation and dark radiation. <b>2019</b> , 792, 74-80		12
347	Detecting nonclassical primordial gravitational waves with Hanbury-Brown-Twiss interferometry. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	11

346	Inflation driven by scalar field and solid matter. <b>2019</b> , 28, 1950072		
345	Isocurvature fluctuations in the effective Newton's constant. <i>Physics of the Dark Universe</i> , <b>2019</b> , 25, 1003074	6.4	6
344	Power spectrum of primordial perturbations for an emergent universe in quantum reduced loop gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 030-030	6.4	5
343	The Simons Observatory: science goals and forecasts. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 056-056	6.4	325
342	Symmetry breaking and reheating after inflation in no-scale flipped SU(5). <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 009-009	6.4	18
341	Searching for oscillations in the primordial power spectrum with CMB and LSS data. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	11
340	Bounds on higher derivative $f(R, \mathcal{R}, T)$ models from energy conditions. <b>2019</b> , 34, 1950082		4
339	Can the Inflaton Also Be a Weakly Interacting Massive Particle?. <b>2019</b> , 122, 091802		18
338	Inflation due to non-minimal coupling of $f(R)$ gravity to a scalar field. <b>2019</b> , 1127, 012018		3
337	Inflation in loop quantum cosmology. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	9
336	A quantisation procedure in the presence of an initial Kasner singularity: primordial gravitational waves from triaxially anisotropic pre-inflation. <b>2019</b> , 36, 085007		0
335	Two-Field Axion Inflation and the Swampland Constraint in the Flux-Scaling Scenario. <b>2019</b> , 67, 1800072		20
334	nestcheck: diagnostic tests for nested sampling calculations. <b>2019</b> , 483, 2044-2056		11
333	$f(\mathcal{G}, T)$ Gravity with Cylindrically Symmetric Relativistic Fluids. <b>2019</b> , 71, 220		0
332	Optimistic estimation on probing primordial gravitational waves with CMB B-mode polarization. <b>2019</b> , 483, 2177-2184		3
331	Parametric resonance production of ultralight vector dark matter. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	66
330	Constraints on tensor to scalar ratio using WKB approximation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 025-025	6.4	
329	Stochastic ultra slow roll inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 040-040	6.4	28

328	Micro black holes formed in the early Universe and their cosmological implications. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	7
327	Nonlocal entanglement and directional correlations of primordial perturbations on the inflationary horizon. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	7
326	Asymmetric dark matter, inflation, and leptogenesis from $B\mu$ symmetry breaking. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	14
325	Pre-inflationary dynamics of Starobinsky inflation and its generalization in loop quantum Brans-Dicke cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 010-010	6.4	9
324	Cosmological aspects of a hyperbolic solution in $f(R,T)$ gravity. <b>2019</b> , 405, 234-255		16
323	Inflationary stochastic anomalies. <b>2019</b> , 36, 07LT01		13
322	Primordial features from ekpyrotic bounces. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	5
321	Kinetic inflation in deformed phase space Brans-Dicke cosmology. <i>Physics of the Dark Universe</i> , <b>2019</b> , 24, 100269	4.4	6
320	Imprints of primordial non-Gaussianity on gravitational wave spectrum. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	59
319	The degree of fine-tuning in our universe and others. <b>2019</b> , 807, 1-111		13
318	Primordial gravitational waves and the $H_0$ -tension problem. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	28
317	Different reheating mechanisms in quintessence inflation. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	15
316	Cosmologically viable generalized Einstein-aether theories. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	9
315	Inflation with mixed helicities and its observational imprint on CMB. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	1
314	Footprint of two-form field: Statistical anisotropy in primordial gravitational waves. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	17
313	Cosmological dynamics of Higgs potential fine tuning. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	18
312	A plausible solution to the problem of initial conditions for inflation. <b>2019</b> , 28, 1950165		
311	Several Problems in Particle Physics and Cosmology Solved in One SMASH. <b>2019</b> , 6,		5



310	Isotropic non-Gaussian gNL-like toy models that reproduce cosmic microwave background anomalies. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 626, A13	5.1	3
309	Observational constraints on warm inflation in loop quantum cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 066-066	6.4	6
308	Pati-Salam unification with a spontaneous CP violation. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	2
307	Non-Gaussianity from features in the power spectrum. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	1
306	Boundary crossing in stochastic inflation with a critical number of fields. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	3
305	Primordial black holes with multimodal mass spectra. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	21
304	Modeling the large-scale power deficit with smooth and discontinuous primordial spectra. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	6
303	BAO modulation as a probe of compensated isocurvature perturbations. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	6
302	Loop quantum cosmological dynamics of scalar-tensor theory in the Jordan frame. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	0
301	Intermediate inflation with non-canonical scalar field in the low anisotropy Universe. <b>2019</b> , 34, 1950272		2
300	Trans-Planckian quantum corrections and inflationary vacuum fluctuations of non-minimally coupled scalar fields. <b>2019</b> , 34, 1950275		
299	Double-Running Inflaton Mass for a Flat Potential and Assisted Hilltop Inflation. <b>2019</b> , 75, 742-747		
298	Primordial black holes from sound speed resonance in the inflaton-curvaton mixed scenario. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 068-068	6.4	29
297	Bayesian inflationary reconstructions from Planck 2018 data. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	9
296	Background Dynamics of Pre-inflationary Scenario in Brans-Dicke Loop Quantum Cosmology. <b>2019</b> , 71, 1205		0
295	GUT Physics in the Era of the LHC. <b>2019</b> , 7,		17
294	Search for sterile neutrinos in a universe of vacuum energy interacting with cold dark matter. <i>Physics of the Dark Universe</i> , <b>2019</b> , 23, 100261	4.4	24
293	Gauss-Bonnet Chern-Simons gravitational wave leptogenesis. <b>2019</b> , 789, 145-149		9

292	Reheating in quintessential inflation via gravitational production of heavy massive particles: a detailed analysis. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 023-023	6.4	30
291	Probing primordial features with the primary CMB. <i>Physics of the Dark Universe</i> , <b>2019</b> , 23, 100245	4.4	6
290	Galaxy kinematics and mass calibration in massive SZE-selected galaxy clusters $z \approx 1.3$ . <b>2019</b> , 482, 1043-1061	19	
289	On the corpuscular theory of gravity. <b>2019</b> , 16, 1930001		40
288	Scalaron the healer: removing the strong-coupling in the Higgs- and Higgs-dilaton inflations. <b>2019</b> , 788, 37-41		51
287	The change of the Universe epochs within the scope of Bianchi type-V model. <b>2020</b> , 94, 1293-1302		1
286	Ultralight massive photons in Stueckelberg QED cosmology with self- and curvature non-minimal couplings. <b>2020</b> , 98, 130-133		1
285	How sound are our ultralight axion approximations?. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	7
284	What is the amplitude of the gravitational waves background expected in the Starobinsky model?. <i>Physics of the Dark Universe</i> , <b>2020</b> , 27, 100450	4.4	8
283	Suppression of the long-wavelength CMB spectrum from the Hartle-Hawking wave function in the Starobinsky-type inflation model. <i>Physics of the Dark Universe</i> , <b>2020</b> , 27, 100435	4.4	2
282	Inflation of the universe by the non-minimal $\chi(R)$ models. <b>2020</b> , 35, 2050037		3
281	Scalar cosmological perturbations in M-theory with higher-derivative corrections. <b>2020</b> , 2020,		1
280	Antisymmetric Tensor Fields in Modified Gravity: A Summary. <b>2020</b> , 12, 1573		2
279	Supergravity Model of Inflation and Explaining IceCube HESE Data via PeV Dark Matter Decay. <b>2020</b> , 2020, 1-14		1
278	New class of hybrid metric-Palatini scalar-tensor theories of gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 003-003	6.4	15
277	Renormalization-group running induced cosmic inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 028-028	6.4	2
276	Causal cosmology with braneworld gravity including Gauss Bonnet coupling. <b>2020</b> , 35, 2050216		2
275	Effective field theories as a novel probe of fine-tuning of cosmic inflation. <b>2020</b> , 71, 87-100		0

274	Note on the reheating temperature in Starobinsky-type potentials. <b>2020</b> , 52, 1		1
273	How much primordial tensor mode is allowed?. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	1
272	Primordial Black Holes as Dark Matter: Recent Developments. <b>2020</b> , 70, 355-394		168
271	Curvaton: Perturbations and reheating. <b>2020</b> , 35, 2050259		0
270	CMB distance priors revisited: effects of dark energy dynamics, spatial curvature, primordial power spectrum, and neutrino parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 009-009 <sup>6.4</sup>		7
269	Investigating inflation driven by DBI-essence scalar field. <b>2020</b> , 29, 2050087		1
268	The Spectrum of Gravitational Waves, Their Overproduction in Quintessential Inflation and Its Influence in the Reheating Temperature. <b>2020</b> , 6, 87		0
267	Unique fermionic vacuum in de Sitter spacetime from hybrid quantum cosmology. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	1
266	Stability of hyperbolic and matter-dominated bounce cosmologies from F(R,?)modified gravity at late evolution stages. <b>2020</b> , 17, 2050162		5
265	A Plausible Model of Inflation Driven by Strong Gravitational Wave Turbulence. <b>2020</b> , 6, 98		3
264	Particle physics model of curvaton inflation in a stable universe. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	3
263	Primordial black holes from no-scale supergravity. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	8
262	Observable quantum loop effects in the sky. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 031-031	6.4	1
261	A domain wall description of brane inflation and observational aspects. <b>2020</b> , 810, 135813		0
260	Planck 2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A6	5.1	2476
259	Constraints on the generalized natural inflation after Planck 2018. <b>2020</b> , 44, 095107		3
258	Pre-inflation and trans-Planckian censorship. <b>2020</b> , 63, 1		9
257	Viability of slow-roll inflation in light of the non-zero $k_{\min}$ measured in the cosmic microwave background power spectrum. <b>2020</b> , 476, 20200364		2

256	Cosmological inflationary studying around the type IV singularity within $f(T)$ gravity. <b>2020</b> , 17, 2050195		
255	First Results on Dark Matter Substructure from Astrometric Weak Lensing. <b>2020</b> , 125, 111101		11
254	Triple unification of inflation, dark energy, and dark matter in two-scalar-field cosmology. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	9
253	General Slow-Roll Inflation in $f(R)$ Gravity under the Palatini Approach. <b>2020</b> , 12, 1958		9
252	Asymmetric matter from (B-L) symmetry breaking. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	0
251	Reheating constraints to modulus mass for single field inflationary models. <b>2020</b> , 960, 115211		
250	A fundamental QCD axion model. <b>2020</b> , 808, 135686		5
249	Accounting for the time evolution of the equation of state parameter during reheating. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	3
248	Stochastic nonattractor inflation. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	2
247	Reconstructing k-essence: Unifying the attractor $n_S(N)$ and the swampland criteria. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	4
246	Inflation models in the light of self-interacting sterile neutrinos. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	1
245	Study in the noncanonical domain of Goldstone inflation. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	5
244	Dirac-Born-Infeld realization of sound speed resonance mechanism for primordial black holes. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	10
243	Two-phase reheating: CMB constraints on inflation and dark matter phenomenology. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	4
242	Inflationary equilibrium configurations of scalar-tensor theories of gravity. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	1
241	Galileon inflation field with three dark eras of the universe. <b>2020</b> , 29, 2050071		
240	Generation of primordial black holes and gravitational waves from dilaton-gauge field dynamics. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 007-007	6.4	8
239	Impact of Higgs portal on gravity-mediated production of superheavy dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 019-019	6.4	12

238	The study of Gödel type solutions in $f(R, \varphi)$ gravity. <b>2020</b> , 80, 101422		11
237	Study of warm inflationary models and their parameter estimation from CMB. <b>2020</b> , 29, 2050055		4
236	Simple supergravity model of inflation constrained with Planck 2018 data. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	3
235	k-essence emergent spacetime as a generalized Vaidya geometry. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	2
234	Stellar mass primordial black holes as cold dark matter. <b>2020</b> , 496, 60-66		3
233	Cosmological implications of Standard Model criticality and Higgs inflation. <b>2020</b> , 953, 114946		4
232	A new class of non-canonical conformal attractors for multi-field inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 022-022	6.4	0
231	Constraints on warm power-law inflation in light of Planck results. <b>2020</b> , 35, 2050078		3
230	Quantum Mixmaster as a Model of the Primordial Universe. <b>2020</b> , 6, 7		9
229	Beta-function formalism for k-essence constant-roll inflation. <i>Physics of the Dark Universe</i> , <b>2020</b> , 28, 100505	4.1	4
228	dynesty: a dynamic nested sampling package for estimating Bayesian posteriors and evidences. <b>2020</b> , 493, 3132-3158		350
227	Inflationary twin models. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	4
226	Constant-roll brane inflation. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	8
225	Swampland criteria and cosmological behavior of Tsallis holographic dark energy in Bianchi -III Universe. <b>2020</b> , 17, 2050098		6
224	Towards testing CMB anomalies using the kinetic and polarized Sunyaev-Zeldovich effects. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	7
223	Hamiltonian theory of classical and quantum gauge invariant perturbations in Bianchi I spacetimes. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	4
222	Dynamical System Perspective of Cosmological Models Minimally Coupled with Scalar Field. <b>2020</b> , 2020, 1-18		0
221	Quantum initial conditions for inflation and canonical invariance. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	3

220	The landscape of QCD axion models. <b>2020</b> , 870, 1-117		134
219	Endowing $\mathbb{R}^4$ with a dynamic nature: Constraints in a spatially curved universe. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	0
218	Cosmology of a generalised version of holographic dark energy in presence of bulk viscosity and its inflationary dynamics through slow roll parameters. <b>2020</b> , 29, 2050024		7
217	The Effect of a Positive Cosmological Constant on the Bounce of Loop Quantum Cosmology. <b>2020</b> , 8, 186		
216	Pattern of perturbations from a coherent quantum inflationary horizon. <b>2020</b> , 37, 095005		3
215	Higgs-R2 inflationfull slow-roll study at tree-level. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 041-041	6.4	15
214	Stochastic effects in anisotropic inflation. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	10
213	Quantum cosmology and the inflationary spectra from a nonminimally coupled inflaton. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	4
212	Statistics of CMB polarization angles. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 001-001.	6.4	1
211	Detecting Primordial Gravitational Waves: a forecast study on optimizing frequency distribution of next generation ground-based CMB telescope. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	0
210	The U/Th production ratio from extended independent model. <b>2020</b> , 135, 1		
209	Transit cosmological model with specific Hubble parameter in F(R, T) gravity. <b>2020</b> , 77, 101355		5
208	Can cosmology provide a test of quantum mechanics?. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 028-028	6.4	
207	Cosmological models in Sáiz-Ballester theory with bilinear varying deceleration parameter. <b>2020</b> , 365, 1		3
206	Primordial backgrounds of relic gravitons. <b>2020</b> , 112, 103774		18
205	The bahamas project: effects of a running scalar spectral index on large-scale structure. <b>2020</b> , 493, 676-697		8
204	Constraining Axion Inflation with Gravitational Waves across 29 Decades in Frequency. <b>2020</b> , 124, 171301		17
203	A Noncommutative Model of Cosmology with Two Metrics. <b>2020</b> , 12, 435		1

202	Can Gibbons-Hawking radiation and inflation arise due to spacetime quanta?. <i>Physics of the Dark Universe</i> , <b>2020</b> , 29, 100553	4.4	
201	Reconstruction and exact solutions for cosmological perturbations from a generalized gravity theory. <b>2020</b> , 52, 1		2
200	Gravitational Wave from Cosmic Inflation in a Gravity with Two Small Four-derivative Corrections. <b>2020</b> , 76, 292-296		
199	On Nash theory of gravity with matter contents. <b>2021</b> , 36, 2150006		0
198	Isocurvature modes: joint analysis of the CMB power spectrum and bispectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 004-004	6.4	0
197	Constraints for the running index independent of the parameters of the model. <b>2021</b> , 30, 2150038		0
196	Primordial information content of Rayleigh anisotropies. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	1
195	The AGN-galaxy halo connection: the distribution of AGN host halo masses to $z = 2.5$ . <b>2021</b> , 502, 5962-5980		3
194	Quantum gravitational onset of Starobinsky inflation in a closed universe. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	1
193	Domain walls without a potential. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	
192	Inflationary dynamics and particle production in a toroidal Bose-Einstein condensate. <b>2021</b> , 103,		0
191	Constraining the inflationary potential with spectral distortions. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 036	6.4	2
190	Bouncing scenario with causal cosmology. <b>2021</b> , 366, 1		1
189	Planck constraints on the tensor-to-scalar ratio. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 647, A128	5.1	30
188	Dimensional transmutation in gravity and cosmology. <b>2021</b> , 36, 2130006		7
187	Are latest detected events of gravitational waves in favor of some models of inflation based on string theory?. <b>2021</b> , 30, 2150023		1
186	Minimum variance estimation of statistical anisotropy via galaxy survey. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 039	6.4	0
185	Primordial black holes and secondary gravitational waves from ultraslow roll and punctuated inflation. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	22

184	Ultra-slow-roll inflation with quantum diffusion. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 080	6.4	18
183	Background mode selection during asymptotic-de Sitter inflation. <b>2021</b> , 36, 2150094		0
182	Inhomogeneous preinflation across Hubble scales in full general relativity. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	2
181	Relic neutrino degeneracies and their impact on cosmological parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 024	6.4	1
180	Mechanisms of producing primordial black holes by breaking the $SU(2, 1)/SU(2)U(1)$ symmetry. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	4
179	Probing the reheating phase through primordial magnetic field and CMB. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	2
178	Generalized diffeomorphism invariance of cosmological perturbations with second-order field derivatives. <b>2021</b> , 816, 136240		1
177	A natural and simple UV completion of the QCD axion model. <b>2021</b> , 816, 136267		7
176	Instant preheating in a scale invariant two measures theory. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	0
175	Bayesian reconstruction of the inflaton's speed of sound using CMB data. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	2
174	Hybrid Loop Quantum Cosmology: An Overview. <b>2021</b> , 8,		0
173	Static cosmological solutions in quadratic gravity. <b>2021</b> , 53, 1		
172	Phenomenological Implications of Modified Loop Cosmologies: An Overview. <b>2021</b> , 8,		0
171	Inflaton effective potential from fermions for general $\alpha$ <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	0
170	S-dual inflation and the string swampland. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	1
169	Hearing Higgs with gravitational wave detectors. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 040	6.4	2
168	Classicalization of quantum fluctuations at the Planck scale in the $R_h = ct$ universe. <b>2021</b> , 818, 136362		2
167	Linear stability of Einstein and de Sitter universes in the quadratic theory of modified gravity. <b>2021</b> ,		



166	Viable intermediate inflation in the mimetic DBI model. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	
165	Variable Generalized Chaplygin Gas in $f(Q)$ Gravity and the Inflationary Cosmology.		0
164	CP-violating inflation and its cosmological imprints. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	0
163	Axionlike particle inflation and dark matter. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	
162	Anisotropic hyperbolic inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 026	6.4	3
161	Axion Sterile Neutrino Dark Matter. <b>2021</b> , 7, 354		2
160	Theoretical priors in scalar-tensor cosmologies: Shift-symmetric Horndeski models. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	3
159	LRS Bianchi I model with strange quark matter and $\bar{\chi}$ in $f(R,T)$ gravity. <b>2021</b> , 89, 101634		3
158	Interplay between neutrino and gravity portals for FIMP dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 034-034	6.4	12
157	Emergence of life in an inflationary universe. <b>2020</b> , 10, 1671		6
156	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A17	5.1	397
155	Planck2015 results. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A11	5.1	546
154	Cosmic microwave background constraints in light of priors over reionization histories. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 617, A96	5.1	23
153	Planck2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A1	5.1	316
152	Planck2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A10	5.1	473
151	Planck2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A7	5.1	78
150	Planck2018 results. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A9	5.1	129
149	Probing the era of reheating for reconstructed inflationary potential in the RS II braneworld. <b>2020</b> , 37, 215009		6

148	Non-oscillating power spectra in loop quantum cosmology.		2
147	Inflation wars: a new hope. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 055-055	6.4	12
146	New inflation in supersymmetric SU(5) and flipped SU(5) GUT models. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 019-019	6.4	2
145	Let Effective Field Theory of inflation flow: stochastic generation of models with red/blue tensor tilt. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 037-037	6.4	5
144	Inflation with multiple vector fields and non-Gaussianities. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2020</b> , 2020, 041-041	6.4	8
143	Warm tachyon inflation and swampland criteria. <b>2020</b> , 44, 095101		9
142	Inflation and DM phenomenology in a scotogenic model extended with a real singlet scalar. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	3
141	Implications of gravitational-wave production from dark photon resonance to pulsar-timing observations and effective number of relativistic species. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	16
140	Constant roll inflation in multifield models. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	7
139	Axion excursions of the landscape during inflation. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	5
138	Primordial features from linear to nonlinear scales. <b>2019</b> , 1,		21
137	Evolution of dark energy perturbations for Slotheon field and power spectrum. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	2
136	The non-minimal coupling constant and the primordial de Sitter state. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	3
135	Cosmological constraints on new generalized Chaplygin gas model. <b>2020</b> , 135, 1		6
134	Natural Higgs inflation, gauge coupling unification, and neutrino masses. <b>2020</b> , 35, 2050117		1
133	Observational constraints of bulk viscous Friedmann-Robertson-Walker cosmology with hybrid expansion law. <b>2020</b> , 35, 2050173		2
132	Attractor inflationary solutions in braneworld scenario. <b>2020</b> , 29, 2050117		2
131	From causal dynamical triangulations to astronomical observations. <b>2017</b> , 119, 60003		3

130	Magnetogenesis in Natural Inflation Model. <b>2018</b> , 63, 673		1
129	fgivenx: A Python package for functional posterior plotting. <b>2018</b> , 3, 849		18
128	Testing an inflationary era in curvaturethatter coupling gravity.		0
127	Chaotic inflation and reheating in generalized scalar-tensor gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 021	6.4	2
126	On stringy inflation potentials. <b>2021</b> , 36,		0
125	Function reconstruction of Palatini inflationary attractors. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 068	6.4	1
124	Special power-law inflation in the Einstein-Gauss-Bonnet gravity. <b>2021</b> , 366, 1		0
123	Axion quality straight from the GUT. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	1
122	Natural-scalaron inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 011	6.4	3
121	Scale Invariant Inflation. <b>2018</b> , 43-60		
120	Baryogenesis During Reheating via the Ratchet Mechanism. <b>2018</b> , 89-108		
119	Review of inflationary cosmology via quantum corrections in M-theory. <b>2019</b> , 34, 1930016		1
118	Massive Neutrinos Meet Inflation. <b>2020</b> , 179-188		
117	Stability analysis of DGP brane-world model with agegraphic dark energy. <b>2020</b> , 98, 778-783		0
116	Inflation connected to the origin of CP violation. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	
115	Gravitational particle production of superheavy massive particles in quintessential inflation: A numerical analysis. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	2
114	The relaxation of galaxy clusters at redshift $z = 0$ in IllustrisTNG simulation. <b>2020</b> , 20, 198		
113	Fiber inflation and precision CMB data. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	1

112	Gravitational wave from axionlike particle inflation. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	0
111	Current and future constraints on single-field attractor models. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	1
110	Role of dissipative effects in the quantum gravitational onset of warm Starobinsky inflation in a closed universe. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	1
109	Weak scale as a trigger. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	3
108	Quantization ambiguities and the robustness of effective descriptions of primordial perturbations in hybrid Loop Quantum Cosmology.		0
107	Nonclassical cosmological dynamics in the low-energy limit of loop quantum scalar-tensor theory. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	0
106	Holographic warm inflation. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	
105	Angular correlations of causally-coherent primordial quantum perturbations. <b>2022</b> , 39, 055004		
104	Composite dynamics and cosmology: inflation. 1		0
103	Gravitational wave trispectrum in the axion-SU(2) model. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2022</b> , 2022, 007	6.4	2
102	Primordial black hole evaporation and dark matter production. II. Interplay with the freeze-in or freeze-out mechanism. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	4
101	Peaceful coexistence of thermal equilibrium and the emergence of time. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	1
100	DBI inflation and warped black holes. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2022</b> , 2022, 051	6.4	1
99	Natural inflation after Planck 2018. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2022</b> , 2022, 022	6.4	2
98	Hilltop Inflation and Generation of Helical Magnetic Field. <b>2022</b> , 8, 26		1
97	Primordial black hole evaporation and dark matter production. I. Solely Hawking radiation. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	5
96	Quintessential Inflation: A Tale of Emergent and Broken Symmetries. <b>2022</b> , 10, 22		4
95	OUP accepted manuscript.		0

94	Quasi-matter Bounce Cosmology in Light of Planck. <i>Astrophysical Journal</i> , <b>2022</b> , 925, 200	4.7	1
93	Variational symmetries and superintegrability in multifield cosmology. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	1
92	Scalar-tensor cosmologies in a minisuperspace formulation: A case study. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	
91	Muon g-2, Dark Matter and the Higgs mass in No-Scale Supergravity. <b>2022</b> , 976, 115700		1
90	Cosmology at high redshift as a probe of fundamental physics. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2021</b> , 2021, 049	6.4	9
89	Gravitational waves and primordial black holes from supersymmetric hybrid inflation. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	3
88	Inflation and primordial fluctuations in F(T) gravity as rainbow. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	1
87	Cosmic backgrounds from the radio to the far-infrared: recent results and perspectives from cosmological and astrophysical surveys.		
86	Study of Goldstone inflation in the domain of Einstein-Gauss-Bonnet gravity. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	0
85	Optimising inflationary features the Bayesian way. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2022</b> , 2022, 036	6.4	0
84	Topics in Cosmology Clearly Explained by Means of Simple Examples. <b>2022</b> , 8, 166		1
83	On brane cosmological behaviors of Starobinsky inflationary model.		0
82	Vacuum energy and renormalization of the field-independent term. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2022</b> , 2022, 062	6.4	1
81	Pleasant behavior of swampland conjectures in the face of specific inflationary models. <b>2022</b> , 139, 102703		0
80	Brane inflation and trans-Planckian censorship conjecture. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	0
79	New approach to the thermodynamics of scalar-tensor gravity. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	1
78	Chemo-dynamics and asteroseismic ages of seven metal-poor red giants from the Kepler field. <b>2021</b> , 510, 1733-1747		0
77	Multi-fluid cosmology in Einstein gravity: analytical solutions. <b>2021</b> , 53, 1		0

76	Dark charge versus electric charge. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	
75	Lagrangian formulation and implications of barotropic fluid cosmologies.		0
74	Cosmological inflationary $f(T)$ models in anti de-Sitter universe. <b>2022</b> ,		
73	Study of Inflationary Observable with Generalized Galileon Coupling Function. <b>2022</b> , 91,		
72	On inflationary parameters in scalar-tensor theories.		
71	Departure to Pure de Sitter Geometry Based on Planck data.		1
70	Probing the Early History of Cosmic Reionization by Future Cosmic Microwave Background Experiments. <i>Astrophysical Journal</i> , <b>2022</b> , 930, 140	4.7	
69	Free-streaming and coupled dark radiation isocurvature perturbations: constraints and application to the Hubble tension. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2022</b> , 2022, 014	6.4	1
68	Primordial black holes as dark matter candidates.		2
67	Universality of linear perturbations in $SU(N)$ natural inflation. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	0
66	Nested sampling for physical scientists. <b>2022</b> , 2,		4
65	Canonical scalar field inflation in $f(T)$ gravity with well-known potentials. <b>2022</b> , 367,		0
64	Refined Swampland conjecture in deformed Starobinsky gravity.		0
63	Swampland criteria and reheating predictions in scalar-tensor inflation.		
62	Brane inflation: Swampland criteria, TCC, and reheating predictions. <b>2022</b> , 102734		1
61	Noether symmetry approach in non-minimal derivative coupling gravity. <i>European Physical Journal C</i> , <b>2022</b> , 82,	4.2	
60	Smooth hybrid inflation with low reheat temperature and observable gravity waves in $SU(5) \times U(1)$ super-GUT. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2022</b> , 2022, 027	6.4	0
59	Nonlinear reconstruction of features in the primordial power spectrum from large-scale structure.		0

58	First-order thermodynamics of Horndeski gravity. <i>Physical Review D</i> , <b>2022</b> , 105,	4.9	○
57	Non-Gaussianity in inflationary scenarios for primordial black holes. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2022</b> , 2022, 019	6.4	○
56	Refined swampland conjecture in warm vector hybrid inflationary scenario. <b>2022</b> , 137,		1
55	Gravitational dynamics in Higgs inflation: Preinflation and preheating with an auxiliary field. <i>Physical Review D</i> , <b>2022</b> , 106,	4.9	○
54	Gravitational dark matter: Free streaming and phase space distribution. <i>Physical Review D</i> , <b>2022</b> , 106,	4.9	○
53	Reheating constraints on modified single-field natural inflation models. <i>European Physical Journal C</i> , <b>2022</b> , 82,	4.2	○
52	Intermediate and Power-law Inflation in the Tachyon Model with Constant Sound Speed. <i>Astrophysical Journal</i> , <b>2022</b> , 933, 46	4.7	
51	Brane inflation driven by an arctan potential: CMB constraints and reheating. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2022</b> , 2022, 024	6.4	○
50	Particle production during inflation: a Bayesian analysis with CMB data from Planck 2018. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2022</b> , 2022, 016	6.4	○
49	Swampland conjectures in hybrid metric-Palatini gravity. <i>Physics of the Dark Universe</i> , <b>2022</b> , 37, 101090	4.4	○
48	Probing the Inflaton Potential with SKA. <i>SciPost Physics Core</i> , <b>2022</b> , 5,	3.9	
47	Unifying turnaround-bounce cosmology in a cyclic universe considering a running vacuum model. <b>2022</b> , 37,		
46	Hybrid expansion law in viscous braneworld gravity with Gauss-Bonnet terms. <b>2022</b> , 37,		
45	Revisiting Witten-O’Raifeartaigh inflation for a non-minimally coupled scalar field. <b>2022</b> , 2022, 002		
44	Entropy Production in the Inflationary Epoch Using the Gouy-Stodola Theorem.		1
43	An effective fluid description of scalar-vector-tensor theories under the sub-horizon and quasi-static approximations. <b>2022</b> , 2022, 059		○
42	Enhanced power on small scales and evolution of quantum state of perturbations in single and two field inflationary models. <b>2022</b> , 54,		○
41	Swampland dS conjecture in mimetic $f(R, T)$ gravity. <b>2022</b> , 74, 085402		○

- 40 Finite inflation in curved space. **2022**, 106,
- 39 BICEP/Keck data and quadratic gravity. **2022**, 2022, 027
- 38 Multifluid cosmology in  $f(G)$  gravity.
- 37 Bounds from multimessenger astronomy on the superheavy dark matter. **2022**, 106,
- 36 Axion and FIMP dark matter in a  $U(1)$  extension of the Standard Model. **2022**, 2022, 064
- 35 Production and backreaction of massive fermions during axion inflation with non-Abelian gauge fields. **2022**, 2022, 043
- 34 WKB Approaches to Restore Time in Quantum Cosmology: Predictions and Shortcomings. **2022**, 8, 556
- 33 Planck and BICEP/Keck Array 2018 constraints on primordial gravitational waves and perspectives for future B -mode polarization measurements. **2022**, 106,
- 32 Numerical simulations of stochastic inflation using importance sampling. **2022**, 2022, 067
- 31 Quantum gravitational signatures in next-generation gravitational wave detectors. **2022**, 835, 137511
- 30 Search for  $70 \mu\text{eV}$  Dark Photon Dark Matter with a Dielectrically Loaded Multiwavelength Microwave Cavity. **2022**, 129,
- 29 ADMX-Orpheus first search for  $70 \mu\text{eV}$  dark photon dark matter: Detailed design, operations, and analysis. **2022**, 106,
- 28 Quantisation ambiguities and the effective dynamics of scalar-tensor theories in loop quantum cosmology.
- 27 Reheating predictions in constant-roll inflation models. **2022**, 101135
- 26 Inflating and reheating the Universe with an independent affine connection. **2022**, 106,
- 25 Composite inflation and further refining dS swampland conjecture. **2023**, 986, 116033
- 24 Quasi-de Sitter inflation from generalized uncertainty principle. **2022**, 37,
- 23 Horizon Thermodynamics in  $f(R,G)$  Gravity. 2200113



- 22 Energy conditions in extended  $f(R, G, T)$  gravity. **2023**, 98, 015016 ○
- 21 Further Refining Swampland dS Conjecture in Mimetic  $f(G)$  Gravity. ○
- 20 The effect of outflows on CMB bounds from Primordial Black Hole accretion. **2022**, 2022, 016 ○
- 19 Reflected waves and quantum gravity. **2023**, 107, ○
- 18 Radiative symmetry breaking, cosmic strings and observable gravity waves in  $U(1)$  symmetric  $U(5)$   $U(1)$  **2023**, 2023, 019 ○
- 17 Gravitational waves from no-scale supergravity. **2023**, 83, ○
- 16 Enhancing gravitational wave anisotropies with peaked scalar sources. **2023**, 2023, 018 ○
- 15 Tracer-field cross-correlations with k-nearest neighbour distributions. **2023**, 519, 4856-4868 ○
- 14 Quantum kinetic theory of Jeans instability in non-minimal matter-curvature coupling gravity. **2023**, 83, ○
- 13 A case study of small field inflationary dynamics in the Einstein-Gauss-Bonnet framework in the light of GW170817. **2023**, 40, 101177 ○
- 12 Constraining dark matter decay with cosmic microwave background and weak-lensing shear observations. **2023**, 672, A157 ○
- 11 Cosmological implications of photon-flux upper limits at ultrahigh energies in scenarios of Planckian-interacting massive particles for dark matter. **2023**, 107, ○
- 10 Limits to Gauge Coupling in the Dark Sector Set by the Nonobservation of Instanton-Induced Decay of Super-Heavy Dark Matter in the Pierre Auger Observatory Data. **2023**, 130, ○
- 9 New constraints on primordial features from the galaxy two-point correlation function. **2023**, 107, ○
- 8 Energy of the boundary of spacetime. **2023**, 2023, ○
- 7 Raychaudhuri Equation in  $K$ -essence Geometry: Conditional Singular and Non-Singular Cosmological Models. 2200193 ○
- 6 Simple single-field inflation models with arbitrarily small tensor/scalar ratio. **2023**, 2023, 027 ○
- 5 Study of the Inflationary Spectrum in the Presence of Quantum Gravity Corrections. **2023**, 9, 169 ○

- 4 Local stellar formation history from the 40 pc white dwarf sample. **2023**, 522, 1643-1661
- 3 Reconstruction methods and the amplification of the inflationary spectrum. **2023**, 107,
- 2 Exact Bianchi type-I inflationary model with non-minimally coupled scalar field. **2023**, 98, 055017
- 1 Effective fluid mixture of tensor-multi-scalar gravity. **2023**, 138,