

Detection of B - N Scales by BICEP2

Physical Review Letters

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Primordial Inflation Polarization Explorer (PIPER). Proceedings of SPIE, 2012, , .	0.8	7
2	Bosonic coherent motions in the Universe. Frontiers in Physics, 2014, 2, .	1.0	13
3	365 days: Nature's 10. Nature, 2014, 516, 311-319.	13.7	9
4	CDM/baryon isocurvature perturbations in a sneutrino curvaton model. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 068-068.	1.9	9
5	Why Planck (the Satellite) could have been Zel'dovich. Proceedings of the International Astronomical Union, 2014, 11, 32-37.	0.0	0
6	Into the third dimension: stochastic measurements of Stokes parameters within the Poincaré sphere. Astronomy and Astrophysics, 2014, 571, A89.	2.1	0
7	False vacuum energy dominated inflation with large r and the importance of $p_{\text{sub}} < i>s</i> </sub>. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 015-015.$	1.9	3
8	Combining universal and odd RR axions for aligned natural inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 048-048.	1.9	42
9	Reconciling induced-gravity inflation in supergravity with the Planck 2013 & BICEP2 results. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 058-058.	1.9	21
10	PRISM: Recovery of the primordial spectrum from Planck data. Astronomy and Astrophysics, 2014, 571, L1.	2.1	10
11	Dark photons as fractional cosmic neutrino masquerader. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 035-035.	1.9	7
12	3.5 keV X-ray line and R-parity conserving supersymmetry. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
13	Toward an understanding of foreground emission in the BICEP2 region. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 039-039.	1.9	185
14	Viability of the matter bounce scenario in Loop Quantum Cosmology from BICEP2 last data. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 025-025.	1.9	44
15	Entanglement in curved spacetimes and cosmology. Classical and Quantum Gravity, 2014, 31, 214001.	1.5	57
16	The tilt of primordial gravitational waves spectra from BICEP2. Modern Physics Letters A, 2014, 29, 1450185.	0.5	4
17	Perturbative quantum gravity comes of age. International Journal of Modern Physics D, 2014, 23, 1430020.	0.9	67
18	Phenomenology of theories of gravity without Lorentz invariance: The preferred frame case. International Journal of Modern Physics D, 2014, 23, 1443009.	0.9	52

#	ARTICLE	IF	CITATIONS
19	Rich tapestry: Supersymmetric axions, dark radiation, and inflationary reheating. Physical Review D, 2014, 90, .	1.6	12
20	Magnetization of fluid phonons and large-scale curvature perturbations. Physical Review D, 2014, 90, .	1.6	3
21	Fermi-bounce cosmology and scale-invariant power spectrum. Physical Review D, 2014, 90, .	1.6	23
22	Natural braneworld inflation in light of recent results from Planck and BICEP2. Physical Review D, 2014, 90, .	1.6	15
23	Baryon asymmetries in a natural inflation model. Physical Review D, 2014, 90, .	1.6	2
24	Big-bounce genesis. Physical Review D, 2014, 90, .	1.6	49
25	Gauss-Bonnet assisted braneworld inflation in light of BICEP2 and Planck data. Physical Review D, 2014, 90, .	1.6	6
26	Extension of warm inflation to noncanonical scalar fields. Physical Review D, 2014, 90, .	1.6	27
27	Quantum gravity corrections to the conformally coupled scalar self-mass-squared on de Sitter background. Physical Review D, 2014, 90, .	1.6	16
28	Quantization of ($\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle T_j ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 3877 HoA^{\text{TM}}\text{ava-Lifshitz theory of gravity. Physical Review D, 2014, 90, .$	1.6	17
29	Towards a realistic solution of the cosmological constant fine-tuning problem by Higgs inflation. Physical Review D, 2014, 90, .	1.6	3
30	Scale-dependent homogeneity measures for causal dynamical triangulations. Physical Review D, 2014, 90, .	1.6	8
31	Lyth bound of inflation with a tilt. Physical Review D, 2014, 90, .	1.6	43
32	Dynamical fractional chaotic inflation. Physical Review D, 2014, 90, .	1.6	18
33	Inflation in supergravity without Kahler potential. Physical Review D, 2014, 90, .	1.6	11
34	Polarization-dependent heating of the cosmic microwave background radiation by a magnetic field. Physical Review D, 2014, 90, .	1.6	2
35	Inflationary universe from perfect fluid and $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mi \rangle F \langle /mml:mi \rangle \langle mml:mo stretchy="false" \rangle (\langle /mml:mo \rangle \langle mml:mi \rangle R \langle /mml:mi \rangle \langle mml:mo \rangle T_j ETQq0 0 0 rgBT /Overlock 10 Tf 50 97 Td (stretchy="false" \rangle) \langle /mml:mo \rangle$	1.6	18
36	Naturally large tensor-to-scalar ratio in inflation. Physical Review D, 2014, 90, .	1.6	3

#	ARTICLE	IF	CITATION
37	Current constraints on early and stressed dark energy models and future 21Åcm perspectives. Physical Review D, 2014, 90, .	1.6	10
38	Matter bounce loop quantum cosmology from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>F</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>R</mml:mi><mml:mo>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 687 Td (stretchy="false"	1.6	86
39	Constraints on the cosmological parameters from BICEP2, Planck, and WMAP. European Physical Journal C, 2014, 74, 1.	1.4	5
40	Wiener filtering with a seismic underground array at the Sanford Underground Research Facility. Classical and Quantum Gravity, 2014, 31, 215003.	1.5	23
41	Numerically investigating the emergent cyclic inflation scenario. Classical and Quantum Gravity, 2014, 31, 155010.	1.5	3
42	Quantum cosmology of (loop) quantum gravity condensates: an example. Classical and Quantum Gravity, 2014, 31, 155009.	1.5	40
43	Quantum cosmological consistency condition for inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 026-026.	1.9	11
44	Conformal Higgs inflation. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
45	Kinetic term anarchy for polynomial chaotic inflation. Journal of High Energy Physics, 2014, 2014, 1.	1.6	2
46	F-term axion monodromy inflation. Journal of High Energy Physics, 2014, 2014, 1.	1.6	168
47	Graceful exit from inflation to radiation era with rapidly decreasing agegraphic potentials. European Physical Journal Plus, 2014, 129, 1.	1.2	3
48	Cluster X-ray line at \$\$\$3.5\sim\mathrm{keV}\$\$\$ 3.5 keV from axion-like dark matter. European Physical Journal C, 2014, 74, 1.	1.4	35
49	Dark Radiation predictions from general Large Volume Scenarios. Journal of High Energy Physics, 2014, 2014, 1.	1.6	34
50	Axino dark matter in moduli-induced baryogenesis. Journal of High Energy Physics, 2014, 2014, 1.	1.6	5
51	Cosmological singleton gravity theory and dS/LCFT correspondence. Journal of High Energy Physics, 2014, 2014, 1.	1.6	2
52	The double attractor behavior of induced inflation. Journal of High Energy Physics, 2014, 2014, 1.	1.6	48
53	Can Zee-Babu model implemented with scalar dark matter explain both Fermi-LAT 130 GeV Î³-ray excess and neutrino physics?. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
54	New atomic probes for dark matter detection: Axions, axion-like particles and topological defects. Modern Physics Letters A, 2014, 29, 1440007.	0.5	18

#	ARTICLE	IF	CITATIONS
55	Ruling out the power-law form of the scalar primordial spectrum. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 061-061.	1.9	36
56	The TT, TB, EB and BB correlations in anisotropic inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 027-027.	1.9	17
57	Quantum origin of suppression for vacuum fluctuations of energy. Physical Review D, 2014, 90, .	1.6	1
58	Studying inflation with future space-based gravitational wave detectors. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 006-006.	1.9	13
59	Theory of non-Gaussianity in warm inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 008-008.	1.9	43
60	Scalable background-limited polarization-sensitive detectors for mm-wave applications. Proceedings of SPIE, 2014, , .	0.8	3
61	Technology maturation process: the NASA Strategic Astrophysics Technology (SAT) program. Proceedings of SPIE, 2014, , .	0.8	1
62	Pre-flight integration and characterization of the SPIDER balloon-borne telescope. Proceedings of SPIE, 2014, , .	0.8	19
63	A LEKID-based CMB instrument design for large-scale observations in Greenland. Proceedings of SPIE, 2014, , .	0.8	3
64	Polarization properties of a multi-moded feed horn for the Primordial Inflation Explorer mission. Proceedings of SPIE, 2014, , .	0.8	1
65	BICEP3: a 95GHz refracting telescope for degree-scale CMB polarization. Proceedings of SPIE, 2014, , .	0.8	47
66	Flat direction inflation with running kinetic term and baryogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 526-532.	1.5	8
67	Detecting relic gravitational waves in the CMB: The contamination caused by the cosmological birefringence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 329-334.	1.5	9
68	Inflation beyond T-models and primordial B-modes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 20-24.	1.5	18
69	Probing the primordial Universe from the low-multipole CMB data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 140-143.	1.5	2
70	N-flation in supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 457-463.	1.5	4
71	Measuring growth index in a Universe with sterile neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 102-105.	1.5	24
72	Q -ball dark matter and baryogenesis in high-scale inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 174-179.	1.5	6

#	ARTICLE	IF	CITATIONS
73	R-symmetric axion/natural inflation in supergravity via deformed moduli dynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 352-356.	1.5	4
74	Gauged M-flation after BICEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 391-399.	1.5	10
75	Consistency relations for large-field inflation. Progress of Theoretical and Experimental Physics, 2014, 2014, 93E01-0.	1.8	5
76	Quantum cosmology from quantum gravity condensates: cosmological variables and lattice-refined dynamics. New Journal of Physics, 2014, 16, 123004.	1.2	53
77	The Primordial Inflation Polarization Explorer (PIPER). Proceedings of SPIE, 2014, , .	0.8	21
78	The Simons Array: expanding POLARBEAR to three multi-chroic telescopes. Proceedings of SPIE, 2014, , .	0.8	25
79	A no-scale inflationary model to fit them all. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 044-044.	1.9	27
80	SPT-3G: a next-generation cosmic microwave background polarization experiment on the South Pole telescope. Proceedings of SPIE, 2014, , .	0.8	249
81	LiteBIRD: mission overview and design tradeoffs. Proceedings of SPIE, 2014, , .	0.8	7
82	The cosmology large angular scale surveyor (CLASS): 38-GHz detector array of bolometric polarimeters. Proceedings of SPIE, 2014, , .	0.8	20
83	Observational implications of mattergenesis during inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 053-053.	1.9	50
84	$\frac{1}{2}B$ Damping of Primordial Gravitational Waves and the Fine-Tuning of the $\frac{1}{3}B$ Temperature Anisotropy. Advances in High Energy Physics, 2014, 2014, 1-10.	0.5	0
85	The Primordial Inflation Explorer (PIXIE). Proceedings of SPIE, 2014, , .	0.8	11
86	BICEP2 and Keck array: upgrades and improved beam characterization. Proceedings of SPIE, 2014, , .	0.8	26
87	Keck array and BICEP3: spectral characterization of 5000+ detectors. Proceedings of SPIE, 2014, , .	0.8	4
88	Chaotic hybrid inflation with a gauged B $\hat{=}$ L . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 109-112.	1.5	5
89	Precision epoch of reionization studies with next-generation CMB experiments. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 010-010.	1.9	83
90	Blue tensor spectrum from particle production during inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 036-036.	1.9	73

#	ARTICLE	IF	CITATIONS
91	Isocurvature perturbations and tensor mode in light of Planck and BICEP2. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 043-043.	1.9	15
92	Asymptotically safe Higgs inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 083-083.	1.9	22
93	The observational status of Galileon gravity after Planck. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 059-059.	1.9	107
94	Probing correlations of early magnetic fields using $\hat{n}/4$ -distortion. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 018-018.	1.9	20
95	A consistency relation for the CMB B-mode polarization in the squeezed limit. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 011-011.	1.9	2
96	Power spectra beyond the slow roll approximation in theories with non-canonical kinetic terms. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 024-024.	1.9	22
97	Reconstructing the inflationary $\langle i \rangle f \langle /i \rangle (\langle i \rangle R \langle /i \rangle)$ from observations. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 015-015.	1.9	49
98	Neutrinos and dark energy after Planck and BICEP2: data consistency tests and cosmological parameter constraints. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 044-044.	1.9	34
99	Can self-ordering scalar fields explain the BICEP2 B-mode signal?. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 029-029.	1.9	13
100	Standard Model with a real singlet scalar and inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 035-035.	1.9	58
101	Suppressing the impact of a high tensor-to-scalar ratio on the temperature anisotropies. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 014-014.	1.9	49
102	I-ball formation with logarithmic potential. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 038-038.	1.9	4
103	Bogoliubov excited states and the Lyth bound. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 058-058.	1.9	7
104	A caveat on building nonlocal models of cosmology. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 008-008.	1.9	27
105	A joint analysis of Planck and BICEP2 B modes including dust polarization uncertainty. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 035-035.	1.9	136
106	How well can future CMB missions constrain cosmic inflation?. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 038-038.	1.9	51
107	BICEP's acceleration. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 072-072.	1.9	5
108	How does pressure gravitate? Cosmological constant problem confronts observational cosmology. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 049-049.	1.9	7

#	ARTICLE	IF	CITATIONS
109	Lensing reconstruction from a patchwork of polarization maps. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 009-009.	1.9	20
110	Statistical anisotropies in gravitational waves in solid inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 012-012.	1.9	27
111	The Knotted Sky I: Planck constraints on the primordial power spectrum. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 052-052.	1.9	26
112	The Knotted Sky II: does BICEP2 require a nontrivial primordial power spectrum?. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 053-053.	1.9	32
113	Inflation and alternatives with blue tensor spectra. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 075-075.	1.9	29
114	Including birefringence into time evolution of CMB: current and future constraints. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 020-020.	1.9	26
115	Cosmological magnetic fields as string dynamo seeds and axion fields in torsioned spacetime. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 023-023.	1.9	2
116	Examining the consistency relations describing the three-point functions involving tensors. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 021-021.	1.9	27
117	A universal bound on excitations of heavy fields during inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 029-029.	1.9	9
118	On detecting oscillations of gamma rays into axion-like particles in turbulent and coherent magnetic fields. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 003-003.	1.9	51
119	MITEoR: a scalable interferometer for precision 21Åcm cosmology. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1084-1103.	1.6	72
120	Blue running of the primordial tensor spectrum. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 022-022.	1.9	18
121	The intrinsic B-mode polarisation of the Cosmic Microwave Background. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 011-011.	1.9	28
122	Topological inflation with large tensor-to-scalar ratio. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 020-020.	1.9	6
123	Cosmological back-reaction in modified gravity and its implications for dark energy. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 017-017.	1.9	9
124	Higher-order gravitational lensing reconstruction using Feynman diagrams. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 024-024.	1.9	4
125	Soft X-ray excess in the Coma cluster from a Cosmic Axion Background. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 026-026.	1.9	46
126	Cosmological bounces in spatially flat FRW spacetimes in metric $f(R)$ gravity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 009-009.	1.9	26

#	ARTICLE	IF	CITATIONS
127	CMB $\frac{1}{4}$ distortion from primordial gravitational waves. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 029-029.	1.9	26
128	Non-perturbative approach for curvature perturbations in stochastic $\hat{\gamma}_{N}$ formalism. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 030-030.	1.9	46
129	Thermal effects and sudden decay approximation in the curvaton scenario. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 032-032.	1.9	5
130	Testing inflation and curvaton scenarios with CMB distortions. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 046-046.	1.9	27
131	Adding helicity to inflationary magnetogenesis. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 056-056.	1.9	127
132	Strong gravitational lensing of gravitational waves from double compact binariesâ€”perspectives for the Einstein Telescope. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 080-080.	1.9	60
133	Negative running of the spectral index, hemispherical asymmetry and the consistency of Planck with large r . Journal of Cosmology and Astroparticle Physics, 2014, 2014, 012-012.	1.9	13
134	Scale-dependent hemispherical asymmetry from general initial state during inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 037-037.	1.9	12
135	Non-Abelian dynamics in the resonant decay of the Higgs after inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 064-064.	1.9	32
136	Inflationary generalized Chaplygin gas and dark energy in light of the Planck and BICEP2 experiments. Physical Review D, 2014, 90, .	1.6	17
137	Large tensor spectrum of BICEP2 in the natural supersymmetric hybrid model. Physical Review D, 2014, 90, .	1.6	6
138	Inflation and majoron dark matter in the neutrino seesaw mechanism. Physical Review D, 2014, 90, .	1.6	25
139	Constraining the gravitational-wave energy density of the Universe in the range 0.1ÂHz to 1ÂHz using the Apollo Seismic Array. Physical Review D, 2014, 90, .	1.6	19
140	Last stand of single small field inflation. Physical Review D, 2014, 90, .	1.6	8
141	Tensor mode backreaction during slow-roll inflation. Physical Review D, 2014, 90, .	1.6	6
142	Cosmological perturbations in hybrid loop quantum cosmology: Mukhanov-Sasaki variables. Physical Review D, 2014, 90, .	1.6	64
143	End of inflation, oscillons, and matter-antimatter asymmetry. Physical Review D, 2014, 90, .	1.6	49
144	Baryogenesis from Hawking radiation. Physical Review D, 2014, 90, .	1.6	44

#	ARTICLE	IF	CITATIONS
145	Classicalization of inflationary perturbations by collapse models in light of BICEP2. Physical Review D, 2014, 90, .	1.6	22
146	Blue gravity waves from BICEP2?. Physical Review D, 2014, 90, .	1.6	23
147	Neffin low-scale seesaw models versus the lightest neutrino mass. Physical Review D, 2014, 90, .	1.6	43
148	String resonances at hadron colliders. Physical Review D, 2014, 90, .	1.6	14
149	Natural inflation with multiple sub-Planckian axions. Physical Review D, 2014, 90, .	1.6	127
150	Superconductive quantum interference magnetometer with high sensitivity achieved by an induced resonance. Review of Scientific Instruments, 2014, 85, 085006.	0.6	3
151	Inflation with Fayet-Iliopoulos terms. Physical Review D, 2014, 90, .	1.6	14
152	Viability of the matter bounce scenario in $F(R)$ gravity and Loop Quantum Cosmology for general potentials. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 031-031.	1.9	48
153	Efficient optimal non-Gaussian CMB estimators with polarization. Physical Review D, 2014, 90, .	1.6	17
154	Effect of transitions in the Planck mass during inflation on primordial power spectra. Physical Review D, 2014, 90, .	1.6	16
155	Damping of tensor mode in spatially closed cosmology. Physical Review D, 2014, 90, .	1.6	5
156	Gravitational quantum effects on power spectra and spectral indices with higher-order corrections. Physical Review D, 2014, 90, .	1.6	28
157	Large tensor-to-scalar ratio from composite inflation. Physical Review D, 2014, 90, .	1.6	6
158	Higgs-Dilaton cosmology: Universality versus criticality. Physical Review D, 2014, 90, .	1.6	37
159	Chaotic inflation with curvaton induced running. Physical Review D, 2014, 90, .	1.6	11
160	Dark matter indirect detection signals and the nature of neutrinos in the supersymmetric $U(1)_{B-L}$ extension of the standard model. Physical Review D, 2014, 90, .	1.6	7
161	Primordial black holes from temporally enhanced curvature perturbation. Physical Review D, 2014, 90, .	1.6	10
162	Tachyon field inflation in light of BICEP2. Physical Review D, 2014, 90, .	1.6	17

#	ARTICLE	IF	CITATIONS
163	Resilience of the Standard Predictions for Primordial Tensor Modes. Physical Review Letters, 2014, 113, 231301. Renormalization-group improved inflationary scalar electrodynamics and	2.9	106
164	$\langle S_U \rangle = \frac{1}{5} \left(\frac{1}{T} \right)^{1.0784314} \text{rgBT} / \text{Overlock } 10 \text{ Tf } 50 \text{ 692 Td}$ BICEP2 results. Physical Review D, 2014, 90, .	1.6	39
165	Sub-50-mK Electronic Cooling with Large-Area Superconducting Tunnel Junctions. Physical Review Applied, 2014, 2, .	1.5	27
166	Compatibility of Planck and BICEP2 results in light of inflation. Physical Review D, 2014, 90, .	1.6	41
167	Reconstruction of the primordial power spectra with Planck and BICEP2 data. Physical Review D, 2014, 90, .	1.6	29
168	Measuring speed of gravitational waves by observations of photons and neutrinos from compact binary mergers and supernovae. Physical Review D, 2014, 90, .	1.6	56
169	Cosmological perturbations in $\text{QCD}\hat{\Lambda}$ -inflation: Estimates confronting the observations, including BICEP2. Physical Review D, 2014, 90, .	1.6	13
170	Single field inflation with modulated potential in light of Planck and BICEP2. Physical Review D, 2014, 90, .	1.6	23
171	Non-Gaussianities in DBI inflation with angular motion. Physical Review D, 2014, 90, .	1.6	4
172	Theory of self-resonance after inflation. II. Quantum mechanics and particle-antiparticle asymmetry. Physical Review D, 2014, 90, .	1.6	12
173	Theory of self-resonance after inflation. I. Adiabatic and isocurvature Goldstone modes. Physical Review D, 2014, 90, .	1.6	18
174	Phase locked inflation. Effectively trans-Planckian natural inflation. Journal of High Energy Physics, 2014, 2014, 1.	1.6	15
175	Scalar suppression on large scales in open inflation. Physical Review D, 2014, 90, .	1.6	22
176	$\langle f_T \rangle$ gravity and cosmology. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 021-021.	1.9	194
177	Inflation with Whip-Shaped Suppressed Scalar Power Spectra. Physical Review Letters, 2014, 113, 071301.	2.9	56
178	Closed string thermodynamics and a blue tensor spectrum. Physical Review D, 2014, 90, .	1.6	47
179	Improved Upper Limits on the Stochastic Gravitational-Wave Background from 2009â€“2010 LIGO and Virgo Data. Physical Review Letters, 2014, 113, 231101.	2.9	86
180	Scalar-tensor anticross-correlation does not help to reconcile the tension between BICEP2 and Planck. Physical Review D, 2014, 90, .	1.6	5

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181	Scalar perturbation in warm tachyon inflation in LQC in light of Planck and BICEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 68-73.	1.5	18
182	Axion inflation with gauge field production and primordial black holes. Physical Review D, 2014, 90, .	1.6	71
183	Dark Radiation Alleviates Problems with Dark Matter Halos. Physical Review Letters, 2014, 113, 161301.	2.9	45
184	Affleck-Dine baryogenesis and dark matter production after high-scale inflation. Physical Review D, 2014, 90, .	1.6	24
185	Power spectra and spectral indices of k-inflation: High-order corrections. Physical Review D, 2014, 90, .	1.6	22
186	Parametrically enhanced hidden photon search. Physical Review D, 2014, 90, .	1.6	35
187	Observational effects of the early episodically dominating dark energy. Physical Review D, 2014, 90, .	1.6	2
188	Supernova bounds on Weinberg's Goldstone bosons. Physical Review D, 2014, 90, .	1.6	8
189	Infrared-finite graviton two-point function in static de Sitter space. Physical Review D, 2014, 90, .	1.6	15
190	Implications of the B -mode polarization measurement for direct detection of inflationary gravitational waves. Physical Review D, 2014, 90, .	1.6	29
191	Photon-neutrino scattering and the B -mode spectrum of CMB photons. Physical Review D, 2014, 90, .	1.6	12
192	Alleviating the tension at low $\hat{\alpha}$, "through axion monodromy. Physical Review D, 2014, 90, .	1.6	24
193	Primordial magnetic helicity constraints from WMAP nine-year data. Physical Review D, 2014, 90, .	1.6	25
194	Preinflationary genesis with CMB B-mode polarization. Physical Review D, 2014, 90, .	1.6	16
195	Constraining topological defects with temperature and polarization anisotropies. Physical Review D, 2014, 90, .	1.6	28
196	Hamilton-Jacobi formalism for tachyon inflation. Physical Review D, 2014, 90, .	1.6	23
197	Affleck-Dine baryogenesis with R-parity violation. Physical Review D, 2014, 90, .	1.6	8
198	Electromagnetism with dimension-five operators. Physical Review D, 2014, 90, .	1.6	12

#	ARTICLE	IF	CITATIONS
199	$\dot{\phi}^2$ inflation at its endpoint. Physical Review D, 2014, 90, .	1.6	30
200	Estimates of maximum energy density of cosmological gravitational-wave backgrounds. Physical Review D, 2014, 90, .	1.6	32
201	Vanishing Higgs potential at the Planck scale in a singlet extension of the standard model. Physical Review D, 2014, 90, .	1.6	20
202	Neutrinos help reconcile Planck measurements with both the early and local Universe. Physical Review D, 2014, 90, .	1.6	77
203	Cosmological Signatures of a UV-Conformal Standard Model. Physical Review Letters, 2014, 113, 121801.	2.9	28
204	Warped DGP model in warm intermediate inflation with a general dissipative coefficient in light of BICEP2 and Planck results. Physical Review D, 2014, 90, .	1.6	23
205	Faraday scaling and the BICEP2 observations. Physical Review D, 2014, 90, .	1.6	4
206	Probing nuclear rates with Planck and BICEP2. Physical Review D, 2014, 90, .	1.6	39
207	CMB polarization can constrain cosmology better than CMB temperature. Physical Review D, 2014, 90, .	1.6	61
208	Fine-structure constant constraints on Bekenstein-type models. Physical Review D, 2014, 90, .	1.6	11
209	Inflationary tensor perturbation in Eddington-inspired Born-Infeld gravity. Physical Review D, 2014, 90, .	1.6	16
210	Improving cosmic string network simulations. Physical Review D, 2014, 90, .	1.6	6
211	Updated constraints on large field hybrid inflation. Physical Review D, 2014, 90, .	1.6	4
212	Bosonic $(p\hat{+}1)$ -forms in Einstein-Cartan theory of gravity. Physical Review D, 2014, 90, .	1.6	0
213	Quantum collapse as a source of the seeds of cosmic structure during the radiation era. Physical Review D, 2014, 90, .	1.6	6
214	Exponential potential for an inflaton with nonminimal kinetic coupling and its supergravity embedding. Physical Review D, 2014, 90, .	1.6	19
215	Topological inflation from the Starobinsky model in supergravity. Physical Review D, 2014, 90, .	1.6	13
216	Renormalized stress-energy tensor for spin- $\frac{1}{2}$ fields in expanding universes. Physical Review D, 2014, 90, .	1.6	40

#	ARTICLE	IF	CITATIONS
217	Chaotic inflation in supergravity after Planck and BICEP2. Physical Review D, 2014, 90, .	1.6	43
218	Isotropic expansion of an inhomogeneous universe. Physical Review D, 2014, 90, .	1.6	5
219	Searching for Topological Defect Dark Matter via Nongravitational Signatures. Physical Review Letters, 2014, 113, 151301.	2.9	58
220	Constraints on ultralight scalar dark matter from pulsar timing. Physical Review D, 2014, 90, .	1.6	55
221	Primordial tensor modes from quantum corrected inflation. Physical Review D, 2014, 90, .	1.6	20
222	Annual modulation of cosmic relic neutrinos. Physical Review D, 2014, 90, .	1.6	14
223	Permutation on hybrid natural inflation. Physical Review D, 2014, 90, .	1.6	4
224	Eternal Universe. Physical Review D, 2014, 90, .	1.6	30
225	Axion cold dark matter: Status after Planck and BICEP2. Physical Review D, 2014, 90, .	1.6	22
226	Renormalization group analysis for quantum gravity with a single dimensionless coupling. Physical Review D, 2014, 90, .	1.6	7
227	Probing early-universe phase transitions with CMB spectral distortions. Physical Review D, 2014, 90, .	1.6	12
228	A gravitational wave background from the decay of the standard model Higgs after inflation. Journal of High Energy Physics, 2014, 2014, 1.	1.6	27
229	Model-independent fit to Planck and BICEP2 data. Physical Review D, 2014, 90, .	1.6	18
230	Comprehensive analysis of the simplest curvaton model. Physical Review D, 2014, 90, .	1.6	30
231	Right-handed neutrinos as the origin of the electroweak scale. Physical Review D, 2014, 90, .	1.6	49
232	Inflationary tensor fossils in large-scale structure. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 050-050.	1.9	55
233	Inflation after false vacuum decay: new evidence from BICEP2. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 019-019.	1.9	30
234	Inflation in a modified radiative seesaw model. Physical Review D, 2014, 90, .	1.6	18

#	ARTICLE	IF	CITATIONS
235	Inflationary behavior of R^2 gravity in a conformal framework. Physical Review D, 2014, 90, .	1.6	6
236	Hierarchical Axion Inflation. Physical Review Letters, 2014, 113, 261301.	2.9	50
237	Just enough inflation: power spectrum modifications at large scales. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 030-030.	1.9	52
238	Dark matter relic density in Gauss-Bonnet braneworld cosmology. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 034-034.	1.9	21
239	CMB lensing forecasts for constraining the primordial perturbations: adding to the CMB temperature and polarization information. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 041-041.	1.9	2
240	Constraint on the primordial gravitational waves from the joint analysis of BICEP2 and Planck HFI 353 GHz dust polarization data. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 044-044.	1.9	20
241	$SU(5)$ TETRAQ000rgBT/Overlock 10 Tf 50 502 Td (stretchy="false")	1.6	3
242	Mapping the integrated Sachs-Wolfe effect. Physical Review D, 2014, 90, .	1.6	25
243	Dynamical breaking of shift symmetry in supergravity-based inflation. Physical Review D, 2014, 90, .	1.6	11
244	NEW CONSTRAINTS ON COSMIC POLARIZATION ROTATION FROM B_{\parallel} -MODE POLARIZATION IN THE COSMIC MICROWAVE BACKGROUND. Astrophysical Journal, 2014, 792, 35.	1.6	15
245	Inflationary parameters in renormalization group improved \tilde{f}^4 theory. Astrophysics and Space Science, 2014, 354, 627-632.	0.5	18
246	Tensor-to-scalar ratio in Eddington-inspired Born-Infeld inflation. European Physical Journal C, 2014, 74, 1.	1.4	18
247	The powers of monodromy. Journal of High Energy Physics, 2014, 2014, 1.	1.6	170
248	Inflationary baryogenesis in a model with gauged baryon number. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
249	Statistical tests of sterile neutrinos using cosmology and short-baseline data. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
250	Schwinger effect in 4D de Sitter space and constraints on magnetogenesis in the early universe. Journal of High Energy Physics, 2014, 2014, 1.	1.6	106
251	Dark radiation in anisotropic LARGE volume compactifications. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
252	Aligned natural inflation and moduli stabilization from anomalous $U(1)$ gauge symmetries. Journal of High Energy Physics, 2014, 2014, 1.	1.6	12

#	ARTICLE	IF	CITATIONS
253	Sequestered de Sitter string scenarios: soft-terms. Journal of High Energy Physics, 2014, 2014, 1.	1.6	55
254	The dark side of \hat{I} , 13 , \hat{I} CP , leptogenesis and inflation in type-I seesaw. Journal of High Energy Physics, 2014, 2014, 1.	1.6	2
255	Cosmological consequences of initial state entanglement. Journal of High Energy Physics, 2014, 2014, 1.	1.6	27
256	Axion models with high scale inflation. Journal of High Energy Physics, 2014, 2014, 1.	1.6	19
257	Three-form multiplet and inflation. Journal of High Energy Physics, 2014, 2014, 1.	1.6	32
258	Propagating gravitons vs. $\tilde{\chi}$ dark matter TM in asymptotically safe quantum gravity. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
259	Generic scalar potentials for inflation in supergravity with a single chiral superfield. Journal of High Energy Physics, 2014, 2014, 1.	1.6	38
260	The not-so-sterile 4th neutrino: constraints on new gauge interactions from neutrino oscillation experiments. Journal of High Energy Physics, 2014, 2014, 1.	1.6	12
261	Inflation from Minkowski space. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
262	Scherk-Schwarz supersymmetry breaking in 4D. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
263	Advanced technologies for future ground-based, laser-interferometric gravitational wave detectors. Journal of Modern Optics, 2014, 61, S10-S45.	0.6	4
264	Running with BICEP2: implications for small-scale problems in CDM. Monthly Notices of the Royal Astronomical Society, 2014, 444, 961-970.	1.6	18
265	Nonsingular bouncing cosmologies in light of BICEP2. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 033-033.	1.9	47
266	Strongest model-independent bound on the lifetime of Dark Matter. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 028-028.	1.9	94
267	Universal constraints on axions from inflation. Journal of High Energy Physics, 2014, 2014, 1.	1.6	70
268	Cosmic backgrounds of relic gravitons and their absolute normalization. Classical and Quantum Gravity, 2014, 31, 225002.	1.5	11
269	A neutrino model fit to the CMB power spectrum. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2836-2841.	1.6	0
270	New world order(s): Healthcare metrics, international borders, and gravitational waves. Gynecologic Oncology, 2014, 133, 139-141.	0.6	0

#	ARTICLE	IF	CITATIONS
271	Statistical Diagnostics to Identify Galactic Foregrounds in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi>B</mml:mi></mml:math>-Mode Maps. Physical Review Letters, 2014, 113, 191303.$	2.9	17
272	Vacuum energy sequestering: The framework and its cosmological consequences. Physical Review D, 2014, 90, .	1.6	68
273	The Circuit Architecture of Whole Brains at the Mesoscopic Scale. Neuron, 2014, 83, 1273-1283.	3.8	72
274	The Machian origin of linear inertial forces from our gravitationally radiating black hole Universe. European Physical Journal Plus, 2014, 129, 1.	1.2	12
275	Current status of modified gravity. Physical Review D, 2014, 90, .	1.6	21
276	Indications of a Late-Time Interaction in the Dark Sector. Physical Review Letters, 2014, 113, 181301.	2.9	225
277	Maximally Natural Supersymmetry. Physical Review Letters, 2014, 113, 111802.	2.9	48
278	Non-Gaussianity After BICEP2. Physical Review Letters, 2014, 113, 081301.	2.9	7
279	Jump in fluid properties of inflationary universe to reconcile scalar and tensor spectra. Physical Review D, 2014, 90, .	1.6	7
280	Geodesic curve-of-sight formulae for the cosmic microwave background: a unified treatment of redshift, time delay, and lensing. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 051-051.	1.9	12
281	Spacetime Curvature and the Higgs Stability During Inflation. Physical Review Letters, 2014, 113, 211102.	2.9	156
282	Wiggly whipped inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 048-048.	1.9	69
283	Cosmological perturbations: Vorticity, isocurvature and magnetic fields. International Journal of Modern Physics D, 2014, 23, 1430024.	0.9	6
284	Effects of modified gravity on $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi>B</mml:mi></mml:math>-mode polarization. Physical Review D, 2014, 90, .$	1.6	64
285	Galaxy formation as a cosmological tool – I. The galaxy merger history as a measure of cosmological parameters. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1125-1143.	1.6	29
286	Constraining primordial vector mode from B-mode polarization. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 004-004.	1.9	3
287	Curvaton in large field inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 015-015.	1.9	21
288	Sharp inflaton potentials and bi-spectra: effects of smoothening the discontinuity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 039-039.	1.9	4

#	ARTICLE	IF	CITATIONS
289	Implications of purely classical gravity for inflationary tensor modes. Modern Physics Letters A, 2014, 29, 1450163.	0.5	37
290	Polynomial chaotic inflation in supergravity revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 151-155.	1.5	15
291	Anisotropy in inflation with non-minimal coupling. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 046-046.	1.9	12
292	Trace-anomaly driven inflation in modified gravity and the BICEP2 result. Physical Review D, 2014, 90, .	1.6	66
293	Observational constraints on slow-roll inflation coupled to a Gauss-Bonnet term. Physical Review D, 2014, 90, .	1.6	68
294	Effects of cosmic strings with delayed scaling on CMB anisotropy. Physical Review D, 2014, 90, .	1.6	9
295	Excursion into quantum gravity via inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 12-15.	1.5	11
296	How well do we understand the thermal history of the Universe? Implications of the recent BICEP2 data. Physical Review D, 2014, 90, .	1.6	3
297	Daughters mimic sterile neutrinos (almost!) perfectly. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 048-048.	1.9	9
298	Novel ansatz to obtain inflation in brane-worlds: the dynamical perspective. General Relativity and Gravitation, 2014, 46, 1.	0.7	0
299	Primordial massive gravitational waves from Einstein-Chern-Simons-Weyl gravity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 061-061.	1.9	22
300	The Atacama Cosmology Telescope: CMB polarization at 200 <math>\mu\text{m}</math> and 9000. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 007-007.	1.9	121
301	Inflation in a two 3-form fields scenario. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 064-064.	1.9	20
302	Gravitational lensing of the CMB: A Feynman diagram approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 6-10.	1.5	2
303	Aligned natural inflation in string theory. Physical Review D, 2014, 90, .	1.6	53
304	Reheating Constraints to Inflationary Models. Physical Review Letters, 2014, 113, 041302.	2.9	179
305	Supersymmetric moduli stabilization and high-scale inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 237-240.	1.5	31
306	Thermodynamic interpretation of the generalized gravity models with geometry-matter coupling. Physical Review D, 2014, 90, .	1.6	203

#	ARTICLE	IF	CITATIONS
307	Relic neutrinos, thermal axions, and cosmology in early 2014. Physical Review D, 2014, 90, .	1.6	74
309	STOCHASTIC MICROHERTZ GRAVITATIONAL RADIATION FROM STELLAR CONVECTION. Astrophysical Journal, 2014, 792, 55.	1.6	5
310	Antigravity in F(R) and Brans-Dicke theories. Astrophysics and Space Science, 2014, 354, 583-596.	0.5	1
311	Cosmological constraints on neutrinos after BICEP2. European Physical Journal C, 2014, 74, 1.	1.4	46
312	Search for a Light Sterile Neutrino at Daya Bay. Physical Review Letters, 2014, 113, 141802.	2.9	79
313	How many e -folds should we expect from high-scale inflation?. Physical Review D, 2014, 90, .	1.6	42
314	Global aspects of radiation memory. Classical and Quantum Gravity, 2014, 31, 205003.	1.5	40
315	Thermal leptogenesis in $f R$ models. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 041-041.	1.6	17
316	Reconstructing the local potential of inflation with BICEP2 data. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 041-041.	1.9	7
317	Quantum corrections in Galileons from matter loops. Physical Review D, 2014, 90, .	1.6	22
318	Embedding inflation into the Standard Model – More evidence for classical scale invariance. Journal of High Energy Physics, 2014, 2014, 1.	1.6	53
319	Cosmological constraints on MFV SUSY. Journal of High Energy Physics, 2014, 2014, 1.	1.6	1
320	Predictions on mass of Higgs portal scalar dark matter from Higgs inflation and flat potential. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
321	Neutrino universe. Journal of High Energy Physics, 2014, 2014, 1.	1.6	58
322	Natural inflation with natural trans-planckian axion decay constant from anomalous U(1) X. Journal of High Energy Physics, 2014, 2014, 1.	1.6	15
323	Does the BICEP2 observation of cosmological tensor modes imply an era of nearly planckian energy densities?. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
324	Entanglement entropy of $\hat{\mathbb{Z}}_2$ -vacua in de Sitter space. Journal of High Energy Physics, 2014, 2014, 1.	1.6	41
325	Heavy gravitino and split SUSY in the light of BICEP2. Journal of High Energy Physics, 2014, 2014, 1.	1.6	3

#	ARTICLE	IF	CITATIONS
344	Can weak lensing surveys confirm BICEP2?. Physical Review D, 2014, 90, .	1.6	34
345	R n extension of the Starobinsky model in old minimal supergravity. Classical and Quantum Gravity, 2014, 31, 205004.	1.5	19
346	Observational constraint on the varying speed of light theory. Physical Review D, 2014, 90, .	1.6	17
347	No New Cosmological Concordance with Massive Sterile Neutrinos. Physical Review Letters, 2014, 113, 041301.	2.9	63
348	Scalar field inflation and Shan-Chen fluid models. Physical Review D, 2014, 90, .	1.6	4
349	Phenomenology analysis of duration inflation for tachyon field in loop quantum cosmology. International Journal of Modern Physics D, 2014, 23, 1450087.	0.9	5
350	The observational position of simple non-minimally coupled inflationary scenarios. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 052-052.	1.9	1
351	BICEP2, the Higgs mass and the SUSY-breaking scale. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 734, 354-357.	1.5	8
352	Commentary: BICEP2's B modes: Big Bang or dust?. Physics Today, 2014, 67, 8-10.	0.3	0
353	The chaotic regime of D-term inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 006-006.	1.9	14
354	Strong phase transition, dark matter and vacuum stability from simple hidden sectors. Nuclear Physics B, 2014, 889, 692-711.	0.9	66
355	Correspondence of I- and Q-balls as non-relativistic condensates. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 051-051.	1.9	11
356	Dark matter chaotic inflation in light of BICEP2. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 062-062.	1.9	15
357	Peering Back to the Beginning of Time. Physics Magazine, 0, 7, .	0.1	0
358	Moduli inflation in five-dimensional supergravity models. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 027-027.	1.9	5
359	On degenerate models of cosmic inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 005-005.	1.9	16
360	Coupled Boltzmann computation of mixed axion neutralino dark matter in the SUSY DFSZ axion model. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 082-082.	1.9	48
361	Higgs dynamics during inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 025-025.	1.9	80

#	ARTICLE	IF	CITATIONS
362	Hidden axion dark matter decaying through mixing with QCD axion and the 3.5 keV X-ray line. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 004-004.	1.9	22
363	Radiative inflation and dark energy RIDEs again after BICEP2. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 040-040.	1.9	5
364	Inflaton fluctuations in the presence of cosmological defects. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 023-023.	1.9	5
365	Is imaginary Starobinsky model real?. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 053-053.	1.9	33
366	Inflating with large effective fields. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 045-045.	1.9	33
367	Distinguishing between extra natural inflation and natural inflation after BICEP2. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 001-001.	1.9	8
368	Riding on irrelevant operators. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 016-016.	1.9	64
369	Self-unitarization of New Higgs Inflation and compatibility with Planck and BICEP2 data. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 009-009.	1.9	30
370	Detecting non-relativistic cosmic neutrinos by capture on tritium: phenomenology and physics potential. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 038-038.	1.9	90
371	Higgs vacuum stability and inflationary dynamics after BICEP2 and PLANCK dust polarisation data. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 001-001.	1.9	14
372	Can CMB data constrain the inflationary field range?. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 006-006.	1.9	23
373	Extending Higgs inflation with TeV scale new physics. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 019-019.	1.9	34
374	D-flation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 014-014.	1.9	4
375	Leptogenesis with a dynamical seesaw scale. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 052-052.	1.9	19
376	Hybrid inflation in the complex plane. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 054-054.	1.9	35
377	Inflation and dark energy from $f(R)$ gravity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 036-036.	1.9	47
378	Notes on natural inflation. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 054-054.	1.9	26
379	On finite density effects on cosmic reheating and moduli decay and implications for Dark Matter production. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 020-020.	1.9	25

#	ARTICLE	IF	CITATIONS
380	Chaotic inflation limits for non-minimal models with a Starobinsky attractor. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 022-022.	1.9	11
381	Characterization of the Atacama B-mode Search. Proceedings of SPIE, 2014, , .	0.8	5
382	Induced-gravity inflation in no-scale supergravity and beyond. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 057-057.	1.9	36
383	Sub-Planckian two-field inflation consistent with the Lyth bound. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 027-027.	1.9	27
384	N -flation with hierarchically light axions in string compactifications. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 012-012.	1.9	37
385	GUT-scale inflation with sizeable tensor modes. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 066-066.	1.9	3
386	R^2 quantum corrections and the inflationary observables. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 005-005.	1.9	23
387	Axion monodromy inflation with multi-natural modulations. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 025-025.	1.9	32
388	BICEP2, the curvature perturbation and supersymmetry. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 003-003.	1.9	8
389	The Weyl tensor correlator in cosmological spacetimes. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 010-010.	1.9	18
390	CLASS: the cosmology large angular scale surveyor. Proceedings of SPIE, 2014, , .	0.8	90
391	Simulation of the analysis of interferometric microwave background polarization data. Proceedings of the International Astronomical Union, 2014, 10, 156-158.	0.0	0
392	Primordial gravitational waves measurements and anisotropies of CMB polarization rotation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 579-585.	1.5	7
393	Automorphic inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 376-379.	1.5	13
394	Criticality in the scale invariant standard model (squared). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 169-172.	1.5	8
395	Higgs instability and de Sitter radiation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 113-118.	1.5	4
396	Inflation including collapse of the wave function: the quasi-de Sitter case. European Physical Journal C, 2015, 75, 1.	1.4	13
397	Galaxy UV-luminosity function and reionization constraints on axion dark matter. Monthly Notices of the Royal Astronomical Society, 2015, 450, 209-222.	1.6	121

#	ARTICLE	IF	CITATIONS
398	Criticality and inflation of the gauged $B \wedge F$ model. Progress of Theoretical and Experimental Physics, 2015, 2015, 073B04.	1.8	14
399	Pulsar timing noise and the minimum observation time to detect gravitational waves with pulsar timing arrays. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3293-3300.	1.6	11
400	Development of Microwave Kinetic Inductance Detector for Cosmological Observations. IEICE Transactions on Electronics, 2015, E98.C, 207-218.	0.3	6
401	Large tensor-to-scalar ratio and running of the scalar spectral index with instep inflation. Physical Review D, 2015, 91, .	1.6	13
402	Grand unification and subcritical hybrid inflation. Physical Review D, 2015, 91, .	1.6	15
403	Strategy to minimize dust foregrounds in B -mode searches. Physical Review D, 2015, 91, .	1.6	9
404	Phenomenological approaches of inflation and their equivalence. Physical Review D, 2015, 91, .	1.6	15
405	Sound speed of scalar field dark energy: Weak effects and large uncertainties. Physical Review D, 2015, 91, .	1.6	19
406	Constraint on noncommutative spacetime from PLANCK data. Physical Review D, 2015, 91, .	1.6	15
407	Natural inflation from near alignment in heterotic string theory. Physical Review D, 2015, 91, .	1.6	10
408	CMB power spectrum of Nambu-Goto cosmic strings. Physical Review D, 2015, 91, .	1.6	25
409	Inflationary universe from higher-derivative quantum gravity. Physical Review D, 2015, 91, .	1.6	54
410	Elementary theorems regarding blue isocurvature perturbations. Physical Review D, 2015, 91, .	1.6	9
411	Cosmological inflation in $F(R)$ models. Physical Review D, 2015, 91, .	1.6	15
412	Inflation without quantum gravity. Physical Review D, 2015, 91, .	1.6	16
413	Natural millicharged inflation. Physical Review D, 2015, 91, .	1.6	14
414	Oscillating modulation to B-mode polarization from varying propagating speed of primordial gravitational waves. Physical Review D, 2015, 91, .	1.6	15
415	Do current data prefer a nonminimally coupled inflaton?. Physical Review D, 2015, 91, .	1.6	34

#	ARTICLE	IF	CITATIONS
416	Preheating with higher dimensional interaction. Physical Review D, 2015, 91, .	1.6	5
417	Multiwavelength constraints on the inflationary consistency relation. Physical Review D, 2015, 91, .	1.6	28
418	Inflationary gravitational waves in the effective field theory of modified gravity. Physical Review D, 2015, 91, .	1.6	16
419	How well can we really determine the scale of inflation?. Physical Review D, 2015, 91, .	1.6	23
420	Hyperbolic inflation in the light of Planck 2015 data. Physical Review D, 2015, 91, .	1.6	28
421	Gravitational waves: A test for modified gravity. Physical Review D, 2015, 91, .	1.6	12
422	Constraining the history of inflation from microwave background polarimetry and laser interferometry. Physical Review D, 2015, 91, .	1.6	9
423	Chiral imprint of a cosmic gauge field on primordial gravitational waves. Physical Review D, 2015, 91, .	1.6	17
424	Magnetic field spectrum at cosmological recombination revisited. Physical Review D, 2015, 91, .	1.6	24
425	Lyth bound revisited. Physical Review D, 2015, 91, .	1.6	16
426	Cosmological consequences of classical flavor-space locked gauge field radiation. Physical Review D, 2015, 91, .	1.6	14
427	Fast gravitational wave radiometry using data folding. Physical Review D, 2015, 92, .	1.6	25
428	Towards natural inflation in string theory. Physical Review D, 2015, 92, .	1.6	16
429	Quintessential inflation with canonical and noncanonical scalar fields and Planck 2015 results. Physical Review D, 2015, 92, .	1.6	65
430	Gravitational waves induced by spinor fields. Physical Review D, 2015, 92, .	1.6	7
431	Primordial power spectra of Eddington-inspired Born-Infeld inflation in strong gravity limit. Physical Review D, 2015, 92, .	1.6	8
432	Delensing the CMB with the cosmic infrared background. Physical Review D, 2015, 92, .	1.6	87
433	Testing and extending the inflationary consistency relation for tensor modes. Physical Review D, 2015, 92, .	1.6	9

#	ARTICLE	IF	CITATIONS
434	Tensors, BICEP2 results, prior dependence, and dust. Physical Review D, 2015, 92, .	1.6	4
435	Detecting the tensor-to-scalar ratio with the pure pseudospectrum reconstruction of B-mode. Physical Review D, 2015, 92, .	1.6	4
436	Primordial gravitational waves and the collapse of the wave function. Physical Review D, 2015, 92, .	1.6	14
437	Constructing an inflaton potential by mimicking modified Chaplygin gas. Physical Review D, 2015, 92, .	1.6	17
438	Towards a formulation of (R)supergravity. Physical Review D, 2015, 92, .	1.6	10
439	Flavored axion-monodromy inflation. Physical Review D, 2015, 92, .	1.6	1
440	Primordial black holes as a novel probe of primordial gravitational waves. Physical Review D, 2015, 92, .	1.6	30
441	Gravitational waves from double hybrid inflation. Physical Review D, 2015, 92, .	1.6	3
442	POLARBEAR constraints on cosmic birefringence and primordial magnetic fields. Physical Review D, 2015, 92, .	1.6	78
443	Neutral Hydrogen Structures Trace Dust Polarization Angle: Implications for Cosmic Microwave Background Foregrounds. Physical Review Letters, 2015, 115, 241302.	2.9	90
444	A Clearer View of a Dusty Sky. Physics Magazine, 2015, 8, .	0.1	1
445	Unitary evolution of the quantum Universe with a Brownian-Kuchar dust. Classical and Quantum Gravity, 2015, 32, 235023.	1.5	13
446	Quantitative analysis of singular inflation with scalar-tensor and modified gravity. Physical Review D, 2015, 91, .	1.6	57
447	Axions in gravity with torsion. Physical Review D, 2015, 91, .	1.6	33
448	Inflation in scale-invariant theories of gravity. Physical Review D, 2015, 91, .	1.6	42
449	Stochastic gravitational wave background from exoplanets. Physical Review D, 2015, 91, .	1.6	26
450	Primordial non-gaussianity from the bispectrum of 21-cm fluctuations in the dark ages. Physical Review D, 2015, 92, .	1.6	76
451	Updated reduced CMB data and constraints on cosmological parameters. International Journal of Modern Physics D, 2015, 24, 1550071.	0.9	3

#	ARTICLE	IF	CITATIONS
452	ANTENNA-COUPLED TES BOLOMETERS USED IN BICEP2, <i>Keck Array</i> , AND SPIDER. <i>Astrophysical Journal</i> , 2015, 812, 176.	1.6	53
453	THE Q/U IMAGING EXPERIMENT: POLARIZATION MEASUREMENTS OF THE GALACTIC PLANE AT 43 AND 95 GHz. <i>Astrophysical Journal</i> , 2015, 811, 89.	1.6	9
454	Clustering fossil from primordial gravitational waves in anisotropic inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 043-043.	1.9	31
455	Addendum: Constraining hybrid natural inflation with recent CMB data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, A01-A01.	1.9	1
456	Particle physics and the cosmic microwave background. <i>Physics Today</i> , 2015, 68, 28-34.	0.3	2
458	Einstein's Triumph. , 0, , 1-9.		0
460	New Window on the Universe: Gravitational Waves. , 0, , 233-241.		0
461	Receiving Gravitational Waves. , 0, , 242-286.		0
462	Precision measurements of the cosmic microwave background. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	0
463	CHARTING THE INTERSTELLAR MAGNETIC FIELD CAUSING THE <i>INTERSTELLAR BOUNDARY EXPLORER</i> (<i>IBEX</i>) RIBBON OF ENERGETIC NEUTRAL ATOMS. <i>Astrophysical Journal</i> , 2015, 814, 112.	1.6	42
464	Vectorial polarization modes platform realized with Jones vectors in mathematica. <i>Journal of the Korean Physical Society</i> , 2015, 67, 792-799.	0.3	3
465	Super Heavy Dark Matter in light of BICEP2, Planck and Ultra High Energy Cosmic Rays Observations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 024-024.	1.9	53
466	Dimensional oxidation and modular completion of non-geometric type IIB action. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	12
467	The hidden flat like universe. <i>European Physical Journal C</i> , 2015, 75, 1.	1.4	40
468	Special points of inflation in flux compactifications. <i>Nuclear Physics B</i> , 2015, 899, 414-443.	0.9	26
469	Precision Measurements of the Cosmic Microwave Background. <i>Nuclear and Particle Physics Proceedings</i> , 2015, 265-266, 48-51.	0.2	1
470	Higgs inflation, seesaw physics and fermion dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 747, 223-228.	1.5	14
471	Exit from inflation with a first-order phase transition and a gravitational wave blast. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 747, 446-453.	1.5	10

#	ARTICLE	IF	CITATIONS
472	Natural inflation with and without modulations in type IIB string theory. Journal of High Energy Physics, 2015, 2015, 1.	1.6	27
473	Hybrid inflation with Planck scale fields. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
474	The goldstone and goldstino of supersymmetric inflation. Journal of High Energy Physics, 2015, 2015, 1.	1.6	35
475	A dynamic modification to sneutrino chaotic inflation. Journal of High Energy Physics, 2015, 2015, 1.	1.6	1
476	Gravitational wave astronomy: the current status. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1.	2.0	26
477	Slow-roll inflationary scenario in the maximally extended background. European Physical Journal C, 2015, 75, 1.	1.4	6
478	A new map-making algorithm for CMB polarization experiments. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2058-2069.	1.6	7
479	Towards natural inflation from weakly coupled heterotic string theory. Progress of Theoretical and Experimental Physics, 2015, 2015, 63E02-0.	1.8	12
480	Transplanckian axions!?. Journal of High Energy Physics, 2015, 2015, 1.	1.6	134
481	C-Band All-Sky Survey: a first look at the Galaxy. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3572-3586.	1.6	29
482	Natural inflation and moduli stabilization in heterotic orbifolds. Journal of High Energy Physics, 2015, 2015, 1.	1.6	10
483	Higgs inflation and general initial conditions. European Physical Journal C, 2015, 75, 1.	1.4	7
484	Gravity waves from non-minimal quadratic inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 023-023.	1.9	21
485	Disentangling the $f(R)$ -duality. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 029-029.	1.9	23
486	Flipped GUT inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 039-039.	1.9	16
487	Signatures of Planck corrections in a spiralling axion inflation model. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 014-014.	1.9	6
488	Generically large nongaussianity in small multifield inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 006-006.	1.9	8
489	Single field inflation in supergravity with a U(1) gauge symmetry. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 045-045.	1.9	9

#	ARTICLE	IF	CITATIONS
490	Gauge-preheating and the end of axion inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 034-034.	1.9	130
491	Higgs shifts from electron-positron annihilations near neutron stars. European Physical Journal C, 2015, 75, 1.	1.4	9
492	A method for the construction of stable Galileon models consistent with the Planck data results. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 001-001.	1.9	3
493	Echoes from the past. Journal of Physics: Conference Series, 2015, 627, 012012.	0.3	0
494	Shift symmetry and Higgs inflation in supergravity with observable gravitational waves. Journal of High Energy Physics, 2015, 2015, 1.	1.6	16
495	Singular deformations of nearly R^2 inflation potentials. Classical and Quantum Gravity, 2015, 32, 235011.	1.5	17
496	The darkness of spin-0 dark radiation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 017-017.	1.9	9
497	A minimal sub-Planckian axion inflation model with large tensor-to-scalar ratio. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 018-018.	1.9	16
498	Low reheating temperatures in monomial and binomial inflationary models. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 039-039.	1.9	58
499	Constraints on axion inflation from the weak gravity conjecture. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 020-020.	1.9	88
500	The Geometrical Meaning of Time – Some Cosmological Implications. Journal of Physics: Conference Series, 2015, 574, 012061.	0.3	3
501	Fitting BICEP2 with defects, primordial gravitational waves and dust. Journal of Physics: Conference Series, 2015, 600, 012025.	0.3	0
502	A CubeSat for Calibrating Ground-Based and Sub-Orbital Millimeter-Wave Polarimeters (CalSat). Journal of Astronomical Instrumentation, 2015, 04, .	0.8	27
503	String gas cosmology after Planck. Classical and Quantum Gravity, 2015, 32, 234002.	1.5	25
504	Bounce universe from string-inspired Gauss-Bonnet gravity. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 001-001.	1.9	53
505	Forecasting sensitivity on tilt of power spectrum of primordial gravitational waves after Planck satellite. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 035-035.	1.9	29
506	Inflation from gravitino condensates. Journal of Physics: Conference Series, 2015, 626, 012002.	0.3	0
507	Spinodal backreaction during inflation and initial conditions. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 027-027.	1.9	1

#	ARTICLE	IF	CITATIONS
508	The morphology of the Anomalous Microwave Emission in the Planck 2015 data release. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 029-029.	1.9	2
509	Large field inflation models from higher-dimensional gauge theories. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 031-031.	1.9	6
510	On the possibility of large axion moduli spaces. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 049-049.	1.9	90
511	The one-loop matter bispectrum in the Effective Field Theory of Large Scale Structures. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 039-039.	1.9	91
512	Self-consistence of the Standard Model via the renormalization group analysis. Journal of Physics: Conference Series, 2015, 608, 012074.	0.3	5
513	The Λ CDM cosmology: From inflation to dark energy through running $\hat{\nu}$. International Journal of Modern Physics D, 2015, 24, 1541003.	0.9	81
514	Perspective on the Cosmic Microwave Background. Europhysics Letters, 2015, 111, 49001.	0.7	0
515	Status of advanced ground-based laser interferometers for gravitational-wave detection. Journal of Physics: Conference Series, 2015, 610, 012012.	0.3	11
516	Discrete Glimpses of the Physics Landscape after the Higgs Discovery. Journal of Physics: Conference Series, 2015, 631, 012001.	0.3	14
517	Features and new physical scales in primordial observables: Theory and observation. International Journal of Modern Physics D, 2015, 24, 1530023.	0.9	152
518	CONSTRAINTS ON THE INTERGALACTIC MAGNETIC FIELD WITH GAMMA-RAY OBSERVATIONS OF BLAZARS. Astrophysical Journal, 2015, 814, 20.	1.6	88
519	Observational Constraints on Varying-Alpha Domain Walls. Universe, 2015, 1, 6-16.	0.9	6
520	Tests and prospects of new physics at very high energy. Beyond the standard basic principles, and beyond conventional matter and space-time. On the possible origin of Quantum Mechanics.. EPJ Web of Conferences, 2015, 95, 05007.	0.1	2
521	BICEP2, Planck, spinorial space-time, pre-Big Bang.. EPJ Web of Conferences, 2015, 95, 03014.	0.1	3
522	Editorial for the Special Issue 100 Years of Chronogeometrodynamics: The Status of the Einstein's Theory of Gravitation in Its Centennial Year. Universe, 2015, 1, 38-81.	0.9	119
523	The Thirty Gigahertz Instrument Receiver for the QUIJOTE Experiment: Preliminary Polarization Measurements and Systematic-Error Analysis. Sensors, 2015, 15, 19124-19139.	2.1	6
524	Confocal sputtering of conformal $\hat{\nu}$ - $\hat{\nu}^2$ phase W films on etched Al features. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2015, 33, 011203.	0.6	1
525	Perspective on completing natural inflation. Frontiers in Physics, 2015, 2, .	1.0	3

#	ARTICLE	IF	CITATIONS
526	Evaluation of the Cosmological Constant in Inflation with a Massive Nonminimal Scalar Field. Advances in High Energy Physics, 2015, 2015, 1-7.	0.5	0
527	Noether Gauge Symmetry of Dirac Field in (2 + 1)-Dimensional Gravity. Advances in High Energy Physics, 2015, 2015, 1-7.	0.5	18
528	Helical Phase Inflation and Monodromy in Supergravity Theory. Advances in High Energy Physics, 2015, 2015, 1-12.	0.5	4
529	Reproducibility: Don't cry wolf. Nature, 2015, 523, 27-28.	13.7	10
530	Measuring the speed of cosmological gravitational waves. Physical Review D, 2015, 91, .	1.6	59
531	Accelerated expansion in the effective field theory of a radiation dominated universe. Physical Review D, 2015, 91, .	1.6	0
532	Inflation that runs naturally: Gravitational waves and suppression of power at large and small scales. Physical Review D, 2015, 91, .	1.6	15
533	Joint Analysis of BICEP2/Keck Array and Planck Data. Physical Review Letters, 2015, 114, 101301.	2.9	819
534	MEASUREMENTS OF E-MODE POLARIZATION AND TEMPERATURE-E-MODE CORRELATION IN THE COSMIC MICROWAVE BACKGROUND FROM 100 SQUARE DEGREES OF SPTPOL DATA. Astrophysical Journal, 2015, 805, 36.	1.6	47
535	Late-time cosmological evolution in $f(R)$ theories with ordinary and collisional matter. Classical and Quantum Gravity, 2015, 32, 085001.	1.5	15
536	Dynamically induced Planck scale and inflation. Journal of High Energy Physics, 2015, 2015, 1.	1.6	119
537	Interaction of a circularly polarised gravitational wave with a charged particle in a static magnetic background. General Relativity and Gravitation, 2015, 47, 1.	0.7	1
538	The Effective Field Theory of Inflation/Dark Energy and the Horndeski Theory. Lecture Notes in Physics, 2015, , 97-136.	0.3	39
539	Non-local scalar fields inflationary mechanism in light of Planck 2013. Astrophysics and Space Science, 2015, 357, 1.	0.5	8
540	The cosmic microwave background: the history of its experimental investigation and its significance for cosmology. Classical and Quantum Gravity, 2015, 32, 124007.	1.5	32
541	On reaching the adiabatic limit in multi-field inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 010-010.	1.9	34
542	Joint Planck and WMAP assessment of low CMB multipoles. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 014-014.	1.9	14
543	Sterile neutrinos help reconcile the observational results of primordial gravitational waves from Planck and BICEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 359-363.	1.5	40

#	ARTICLE	IF	CITATIONS
544	G-bounce inflation: towards nonsingular inflation cosmology with galileon field. Journal of High Energy Physics, 2015, 2015, 1.	1.6	70
545	Baryogenesis via Hawking-like radiation in the FRW space-time. European Physical Journal C, 2015, 75, 1.	1.4	3
546	Warm intermediate inflation in the Randall-Sundrum II model in the light of Planck 2015 and BICEP2 results: a general dissipative coefficient. European Physical Journal C, 2015, 75, 1.	1.4	30
547	Clustering fossils in solid inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 043-043.	1.9	35
548	Future cosmological sensitivity for hot dark matter axions. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 050-050.	1.9	27
549	Running of scalar spectral index in multi-field inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 041-041.	1.9	5
551	Beginning of Universe through large field hybrid inflation. Modern Physics Letters A, 2015, 30, 1550106.	0.5	4
552	Molecular phonons and their absorption/emission spectra from the far-IR to microwaves. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2539-2550.	1.6	1
553	Searching for inflationary B modes: can dust emission properties be extrapolated from 350 GHz to 150 GHz?. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 451, L90-L94.	1.2	48
554	A review of the generalized uncertainty principle. Reports on Progress in Physics, 2015, 78, 126001.	8.1	116
555	Testing general relativity with present and future astrophysical observations. Classical and Quantum Gravity, 2015, 32, 243001.	1.5	943
556	Spherically symmetric Einstein-aether perfect fluid models. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 010-010.	1.9	26
557	Detecting primordial B-modes after Planck. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 031-031.	1.9	43
558	The thermal design, characterization, and performance of the Spider long-duration balloon cryostat. Cryogenics, 2015, 72, 65-76.	0.9	14
559	Inflation in no-scale supergravity. Physical Review D, 2015, 91, .	1.6	31
560	New Technologies in Gravitational-Wave Detection. Annual Review of Nuclear and Particle Science, 2015, 65, 555-577.	3.5	13
561	BICEP2/KECK ARRAY V: MEASUREMENTS OF B -MODE POLARIZATION AT DEGREE ANGULAR SCALES AND 150 GHz BY THE KECK ARRAY. Astrophysical Journal, 2015, 811, 126.	1.6	79
562	Gravitational waves: Classification, methods of detection, sensitivities and sources. International Journal of Modern Physics D, 2015, 24, 1530031.	0.9	43

#	ARTICLE	IF	CITATIONS
563	Planck 2015 results and inflation. Comptes Rendus Physique, 2015, 16, 891-913.	0.3	0
564	Removing the Faddeev-Popov zero modes from Yang-Mills theory in spacetimes with compact spatial sections. Physical Review D, 2015, 91, .	1.6	2
565	Physics of the cosmic microwave background anisotropy. International Journal of Modern Physics D, 2015, 24, 1530004.	0.9	18
566	Large 256-Pixel X-ray Transition-Edge Sensor Arrays With Mo/TiW/Cu Trilayers. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	2
567	Instability of the Einstein static universe in modified Gauss-Bonnet gravity. Physical Review D, 2015, 91, .	1.6	20
568	Axions: Bose Einstein condensate or classical field?. Astroparticle Physics, 2015, 65, 101-107.	1.9	57
569	Chaotic inflation from nonlinear sigma models in supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 390-393.	1.5	5
570	Inflation, string theory and cosmic strings. International Journal of Modern Physics D, 2015, 24, 1530010.	0.9	29
571	Generation of large-scale magnetic fields, non-Gaussianity, and primordial gravitational waves in inflationary cosmology. Physical Review D, 2015, 91, .	1.6	20
572	The oldest cosmic light. Nature, 2015, 518, 170-171.	13.7	2
573	Low Loss Superconducting Microstrip Development at Argonne National Lab. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.1	8
574	Galaxies as simple dynamical systems: observational data disfavor dark matter and stochastic star formation. Canadian Journal of Physics, 2015, 93, 169-202.	0.4	131
575	Cosmic ray contribution in the WMAP of the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2015, 448, 1030-1034.	1.6	3
576	Negative running can prevent eternal inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 040-040.	1.9	9
577	Friction in gravitational waves: A test for early-time modified gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 353-357.	1.5	29
578	Constraints on the Nambu-Goto cosmic string contribution to the CMB power spectrum in light of new temperature and polarisation data. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 024-024.	1.9	35
579	First test of high frequency Gravity Waves from inflation using Advanced LIGO. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 037-037.	1.9	14
580	Energy scale of inflation from the recurrence time of the universe. International Journal of Modern Physics D, 2015, 24, 1550026.	0.9	0

#	ARTICLE	IF	CITATIONS
581	Emergent cosmology, inflation and dark energy. General Relativity and Gravitation, 2015, 47, 1.	0.7	62
582	Cosmic Background Radiation. International Journal of Theoretical Physics, 2015, 54, 2792-2797.	0.5	3
583	Inflationary cosmology and the standard model Higgs with a small Hubble-induced mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 126-135.	1.5	65
584	Tidal invariants for compact binaries on quasicircular orbits. Physical Review D, 2015, 91, .	1.6	60
585	Estimation of inflation parameters for Perturbed Power Law model using recent CMB measurements. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 043-043.	1.9	8
586	Generalised tensor fluctuations and inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 029-029.	1.9	49
587	Bound on large δ^2 0.1 from sub-Planckian excursions of inflaton. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 031-031.	1.9	11
588	B-modes and the nature of inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 016-016.	1.9	46
589	Genus topology and cross-correlation of BICEP2 and Planck 353 GHz B-modes: further evidence favouring gravity wave detection. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2034-2045.	1.6	16
590	Improved constraint on the primordial gravitational-wave density using recent cosmological data and its impact on cosmic string models. Classical and Quantum Gravity, 2015, 32, 045003.	1.5	31
591	Cosmological constraints for a two branes system in a vacuum bulk. General Relativity and Gravitation, 2015, 47, 1.	0.7	3
592	A critical review of classical bouncing cosmologies. Physics Reports, 2015, 571, 1-66.	10.3	267
593	Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. Physical Review D, 2015, 91, .	1.6	39
594	Primordial non-Gaussian signatures in CMB polarization. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 028-028.	1.9	12
595	Ambiguity in running spectral index with an extra light field during inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 019-019.	1.9	9
596	Revised cosmological parameters after BICEP 2 and BOSS. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 016-016.	1.9	7
597	On the scalar consistency relation away from slow roll. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 029-029.	1.9	33
598	The superhorizon test of future B-mode experiments. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 036-036.	1.9	6

#	ARTICLE	IF	CITATIONS
599	Blue-tilted tensor spectrum and thermal history of the Universe. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 003-003.	1.9	67
600	A century of general relativity: Astrophysics and cosmology. Science, 2015, 347, 1103-1108.	6.0	5
601	Consistency relation for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msup}>\langle \text{mml:mi}>R</\text{mml:mi}>\langle \text{mml:mi}>p</\text{mml:mi}></\text{mml:msup}></\text{mml:math}>$ inflation. Physical Review D, 2015, 91, .	1.6	49
602	Polymer inflation. Physical Review D, 2015, 91, .	1.6	9
603	Modified Lyth bound and implications of BICEP2 results. Physical Review D, 2015, 91, .	1.6	21
604	Noncommutative quantum mechanics of simple matter systems interacting with circularly polarized gravitational waves. General Relativity and Gravitation, 2015, 47, 1.	0.7	7
605	A Framework for Statistical Inference in Astrophysics. Annual Review of Statistics and Its Application, 2015, 2, 141-162.	4.1	5
606	<i>Colloquium</i> : Time-reversal violation with quantum-entangled $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi}>B</\text{mml:mi}></\text{mml:math}>$ mesons. Reviews of Modern Physics, 2015, 87, 165-182.	16.4	15
607	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi}>B</\text{mml:mi}></\text{mml:math}>$ modes and the sound speed of primordial fluctuations. Physical Review D, 2015, 91, .	1.6	4
608	A short note on the curvature perturbation at second order. Classical and Quantum Gravity, 2015, 32, 075005.	1.5	5
609	Hemispherical asymmetry from an isotropy violating stochastic gravitational wave background. Physical Review D, 2015, 91, .	1.6	10
610	Towards a gravitational wave observatory designer: sensitivity limits of spaceborne detectors. Classical and Quantum Gravity, 2015, 32, 095004.	1.5	14
611	Inflation, quintessence, and the origin of mass. Nuclear Physics B, 2015, 897, 111-178.	0.9	54
612	Strong dynamics and inflation: A review. Nuclear Physics B, 2015, 892, 429-448.	0.9	7
613	Natural inflation and low energy supersymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 15-21.	1.5	17
614	Inflation in a conformally invariant two-scalar-field theory with an extra R^2 term. European Physical Journal C, 2015, 75, 1.	1.4	44
615	Axion mass estimates from resonant Josephson junctions. Physics of the Dark Universe, 2015, 7-8, 6-11.	1.8	27
616	Intermediate inflation with modified kinetic term. Astrophysics and Space Science, 2015, 359, 1.	0.5	10

#	ARTICLE	IF	CITATIONS
617	A search for ultralight axions using precision cosmological data. Physical Review D, 2015, 91, .	1.6	299
618	Studying the Reheating Temperature after Inflation with Inflationary Gravitational Waves. Nuclear and Particle Physics Proceedings, 2015, 263-264, 97-100.	0.2	0
619	Theoretical implications of detecting gravitational waves. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 008-008.	1.9	10
620	CosmoSIS: Modular cosmological parameter estimation. Astronomy and Computing, 2015, 12, 45-59.	0.8	240
621	Dynamical D-terms in supergravity. Nuclear Physics B, 2015, 891, 230-258.	0.9	16
622	Tuning and backreaction in F-term axion monodromy inflation. Nuclear Physics B, 2015, 894, 456-495.	0.9	60
623	Spiral inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 252-255.	1.5	23
624	Thef(R)gravity function of the Linde quintessence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 242-245.	1.5	13
625	Axion landscape and natural inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 153-159.	1.5	43
626	Detecting the cosmological recombination signal from space. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4460-4470.	1.6	17
627	A keV string axion from high scale supersymmetry. Physical Review D, 2015, 91, .	1.6	4
628	Inflation and dark energy from the Brans-Dicke theory. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 031-031.	1.9	11
629	Chaotic inflation with kinetic alignment of axion fields. Physical Review D, 2015, 91, .	1.6	39
630	Helical phase inflation. Physical Review D, 2015, 91, .	1.6	25
631	Combining power spectrum and bispectrum measurements to detect oscillatory features. Physical Review D, 2015, 91, .	1.6	48
632	Bayesian evidence of nonstandard inflation: Isocurvature perturbations and running spectral index. Physical Review D, 2015, 91, .	1.6	10
633	Global dynamics and inflationary center manifold and slow-roll approximants. Journal of Mathematical Physics, 2015, 56, 012502.	0.5	35
634	Collisional production of sterile neutrinos via secret interactions and cosmological implications. Physical Review D, 2015, 91, .	1.6	53

#	ARTICLE	IF	CITATIONS
635	Inflation and leptogenesis in the 3-3-1-1 model. Physical Review D, 2015, 91, .	1.6	27
636	MEASUREMENTS OF SUB-DEGREE B -MODE POLARIZATION IN THE COSMIC MICROWAVE BACKGROUND FROM 100 SQUARE DEGREES OF SPTPOL DATA. Astrophysical Journal, 2015, 807, 151.	1.6	117
637	Cosmology with non-minimal coupled gravity: inflation and perturbation analysis. Classical and Quantum Gravity, 2015, 32, 155005.	1.5	15
638	Constraints on secret neutrino interactions after Planck. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 014-014.	1.9	46
639	Dark energy and equation of state oscillations with collisional matter fluid in exponential modified gravity. Physical Review D, 2015, 91, .	1.6	22
640	Modeling effective FRW cosmologies with perfect fluids from states of the hybrid quantum Gowdy model. Physical Review D, 2015, 91, .	1.6	10
641	Orbit optimization and time delay interferometry for inclined ASTROD-GW formation with half-year precession-period. Chinese Physics B, 2015, 24, 059501.	0.7	20
642	Two-field axion-monodromy hybrid inflation model: Dante's Waterfall. Physical Review D, 2015, 91, .	1.6	17
643	Scalar modes of the relic gravitons. Physical Review D, 2015, 91, .	1.6	6
644	Higgs inflation from standard model criticality. Physical Review D, 2015, 91, .	1.6	101
645	Backreaction and stochastic effects in single field inflation. Physical Review D, 2015, 91, .	1.6	34
646	Spinodal Instabilities and Super-Planckian Excursions in Natural Inflation. Physical Review Letters, 2015, 114, 171301.	2.9	9
647	No-boundary wave function for two-field inflation. Classical and Quantum Gravity, 2015, 32, 115006.	1.5	11
648	Non-collider searches for stable massive particles. Physics Reports, 2015, 582, 1-52.	10.3	68
649	Linearized iterative least-squares (LIL): a parameter-fitting algorithm for component separation in multifrequency cosmic microwave background experiments such as Planck. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3321-3339.	1.6	11
650	Consistency relations for large-field inflation: Non-minimal coupling. Progress of Theoretical and Experimental Physics, 2015, 2015, 23E01-0.	1.8	13
651	Using large scale structure to measure $f\sigma_8$. Physical Review D, 2015, 91, .	1.6	35
652	Polarization predictions for inflationary CMB power spectrum features. Physical Review D, 2015, 91, .	1.6	20

#	ARTICLE	IF	CITATIONS
653	Unifying inflation with late-time acceleration by a Blonic system. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 1-8.	1.5	27
654	Inner Workings: Probing cosmic mysteries in a remote desert. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8513-8514.	3.3	0
655	PROSPECTS FOR DELENSING THE COSMIC MICROWAVE BACKGROUND FOR STUDYING INFLATION. Astrophysical Journal, 2015, 807, 166.	1.6	52
656	Power spectrum of inflationary attractors. Physical Review D, 2015, 91, .	1.6	12
657	Future detectability of gravitational-wave induced lensing from high-sensitivity CMB experiments. Physical Review D, 2015, 91, .	1.6	9
658	Impact of anisotropic stress of free-streaming particles on gravitational waves induced by cosmological density perturbations. Physical Review D, 2015, 91, .	1.6	17
659	Gravitational Wave Consistency Relations for Multifield Inflation. Physical Review Letters, 2015, 114, 031301.	2.9	28
660	Mo/Au Bilayer TES Resistive Transition Engineering. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.1	4
661	String cosmology “ Large-field inflation in string theory. International Journal of Modern Physics A, 2015, 30, 1530024.	0.5	24
662	Effects of the speed of sound at large N . Physical Review D, 2015, 91, .	1.6	7
663	Role of higher-dimensional evolving wormholes in the formation of a big rip singularity. Physical Review D, 2015, 91, .	1.6	10
664	Natural Inflation and Quantum Gravity. Physical Review Letters, 2015, 114, 151303.	2.9	118
665	Getting leverage on inflation with a large photometric redshift survey. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 042-042.	1.9	15
666	Gauge-invariant perturbations in hybrid quantum cosmology. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 045-045.	1.9	74
667	Standard model and graviweak unification with (super)renormalizable gravity. Part I: Visible and invisible sectors of the universe. International Journal of Modern Physics A, 2015, 30, 1550044.	0.5	7
668	Light Higgsinos in pure gravity mediation. Physical Review D, 2015, 91, .	1.6	15
669	Large scale suppression of scalar power on a spatial condensation. Physical Review D, 2015, 91, .	1.6	8
670	Inflation in R^2 with non-minimal superpotentials. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 74-81.	1.5	9

#	ARTICLE	IF	CITATIONS
671	Photon-photon interactions as a source of cosmic microwave background circular polarization. Physical Review D, 2015, 91, .	1.6	15
672	New Higgs inflation in a no-scale supersymmetric SU(5) GUT. Physical Review D, 2015, 91, .	1.6	27
673	Modified natural inflation: A small single field model with a large tensor to scalar ratio. Physical Review D, 2015, 91, .	1.6	3
674	Unifying inflation and dark matter with the Peccei-Quinn field: Observable axions and observable tensors. Physical Review D, 2015, 91, .	1.6	39
675	Late-time quantum backreaction from inflationary fluctuations of a nonminimally coupled massless scalar. Physical Review D, 2015, 91, .	1.6	22
676	Testing supersymmetric Higgs inflation with non-Gaussianity. Physical Review D, 2015, 91, .	1.6	13
677	Dark matter from late invisible decays to and of gravitinos. Physical Review D, 2015, 91, .	1.6	14
678	Irruption of massive particle species during inflation. Physical Review D, 2015, 91, .	1.6	31
679	Higgs mass and gravity waves in standard model false vacuum inflation. Physical Review D, 2015, 91, .	1.6	2
680	$\hat{\rho}$ CDM bounce cosmology without $\hat{\rho}$ CDM: The case of modified gravity. Physical Review D, 2015, 91, .	1.6	38
681	Scalar perturbation produced at the pre-inflationary stage in Eddington-inspired Born-Infeld gravity. European Physical Journal C, 2015, 75, 1.	1.4	24
682	Reheating predictions in single field inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 047-047.	1.9	154
683	Interacting holographic extended Chaplygin gas and phantom cosmology in the light of BICEP2. European Physical Journal Plus, 2015, 130, 1.	1.2	20
684	Prospects of determination of reheating temperature after inflation by DECIGO. Progress of Theoretical and Experimental Physics, 2015, 2015, 13E02-0.	1.8	32
685	Review of the possible role of self-ordering scalar fields in production of a stochastic background of gravitational waves. International Journal of Modern Physics D, 2015, 24, 1541005.	0.9	0
686	A roadmap for Antarctic and Southern Ocean science for the next two decades and beyond. Antarctic Science, 2015, 27, 3-18.	0.5	158
687	Universality classes for models of inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 033-033.	1.9	58
688	The whipped inflation in Blon system. Astrophysics and Space Science, 2015, 357, 1.	0.5	2

#	ARTICLE	IF	CITATIONS
689	Inflation of small true vacuum bubble by quantization of Einstein-Hilbert action. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1-10.	2.0	3
690	Light sterile neutrinos and inflationary freedom. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 023-023.	1.9	13
691	Why should we care about the top quark Yukawa coupling?. Journal of Experimental and Theoretical Physics, 2015, 120, 335-343.	0.2	85
692	Chaotic inflation in higher derivative gravity theories. European Physical Journal C, 2015, 75, 1.	1.4	15
693	The challenge of realizing F-term axion monodromy inflation in string theory. Journal of High Energy Physics, 2015, 2015, 1.	1.6	68
694	Illustrating SUSY breaking effects on various inflation mechanisms. Journal of High Energy Physics, 2015, 2015, 1.	1.6	4
695	Higgsino dark matter in high-scale supersymmetry. Journal of High Energy Physics, 2015, 2015, 1.	1.6	64
696	Probable or improbable universe? Correlating electroweak vacuum instability with the scale of inflation. Journal of High Energy Physics, 2015, 2015, 1.	1.6	93
697	Holography for a non-inflationary early universe. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
698	Higgs-otic inflation and string theory. Journal of High Energy Physics, 2015, 2015, 1.	1.6	54
699	Marginally deformed Starobinsky gravity. Journal of High Energy Physics, 2015, 2015, 1.	1.6	27
700	On axion monodromy inflation in warped throats. Journal of High Energy Physics, 2015, 2015, 1.	1.6	39
701	Reheating processes after Starobinsky inflation in old-minimal supergravity. Journal of High Energy Physics, 2015, 2015, 1.	1.6	36
702	A new mechanism of realizing inflationary universe with recourse to backreaction of quantized free fields "Inflation without inflaton". Journal of High Energy Physics, 2015, 2015, 1.	1.6	1
703	UltraViolet freeze-in. Journal of High Energy Physics, 2015, 2015, 1.	1.6	134
704	On dark matter selected high-scale supersymmetry. Journal of High Energy Physics, 2015, 2015, 1.	1.6	4
705	Elliptic inflation: interpolating from natural inflation to R ² -inflation. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
706	LINKING TESTS OF GRAVITY ON ALL SCALES: FROM THE STRONG-FIELD REGIME TO COSMOLOGY. Astrophysical Journal, 2015, 802, 63.	1.6	114

#	ARTICLE	IF	CITATIONS
707	Inhomogeneous viscous fluid in anisotropic inflationary universe. <i>Astrophysics and Space Science</i> , 2015, 357, 1.	0.5	3
708	Expected dipole asymmetry in CMB polarization. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 015-015.	1.9	18
709	Resolving primordial physics through correlated signatures. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 010-010.	1.9	6
710	Natural inflation: consistency with cosmic microwave background observations of Planck and BICEP2. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 044-044.	1.9	56
711	Inflationary Cosmology in Modified Gravity Theories. <i>Symmetry</i> , 2015, 7, 220-240.	1.1	297
712	Abelian Higgs strings in Rastall gravity. <i>Classical and Quantum Gravity</i> , 2015, 32, 085009.	1.5	22
713	Unification of inflation and dark energy – quintessential inflation. <i>International Journal of Modern Physics D</i> , 2015, 24, 1530014.	0.9	81
714	Gravitational waves and scalar perturbations from spectator fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 011-011.	1.9	37
715	Cosmic polarization rotation: An astrophysical test of fundamental physics. <i>International Journal of Modern Physics D</i> , 2015, 24, 1530016.	0.9	15
716	Primordial magnetic fields from self-ordering scalar fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 007-007.	1.9	7
717	NEW CONSTRAINTS ON COSMIC POLARIZATION ROTATION FROM THE ACTPol COSMIC MICROWAVE BACKGROUND B-MODE POLARIZATION OBSERVATION AND THE BICEP2 CONSTRAINT UPDATE. <i>Astrophysical Journal</i> , 2015, 805, 107.	1.6	18
718	THE ATACAMA COSMOLOGY TELESCOPE: LENSING OF CMB TEMPERATURE AND POLARIZATION DERIVED FROM COSMIC INFRARED BACKGROUND CROSS-CORRELATION. <i>Astrophysical Journal</i> , 2015, 808, 7.	1.6	66
719	Inflaton as a pseudo-Goldstone boson of vacuum energy shift symmetry. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 032-032.	1.9	3
720	No evidence for the blue-tilted power spectrum of relic gravitational waves. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 021-021.	1.9	15
721	Born-corrections to weak lensing of the cosmic microwave background temperature and polarization anisotropies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 831-838.	1.6	15
722	Singular cosmological evolution using canonical and ghost scalar fields. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 044-044.	1.9	27
723	Scalar and tensor perturbations in loop quantum cosmology: high-order corrections. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 052-052.	1.9	22
724	Uniformity of cosmic microwave background as a non-inflationary geometrical effect. <i>Modern Physics Letters A</i> , 2015, 30, 1530026.	0.5	0

#	ARTICLE	IF	CITATIONS
725	Gravitational waves: A probe to the physics in the early universe. International Journal of Modern Physics A, 2015, 30, 1545005.	0.5	0
726	Two-field analysis of no-scale supergravity inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 010-010.	1.9	38
727	A flux-scaling scenario for high-scale moduli stabilization in string theory. Nuclear Physics B, 2015, 897, 500-554.	0.9	68
728	Stochastic background of gravitational waves from cosmological sources. Journal of Physics: Conference Series, 2015, 610, 012004.	0.3	10
729	Primordial magnetic field generated in natural inflation. General Relativity and Gravitation, 2015, 47, 1.	0.7	4
730	Softly fine-tuned Standard Model and the scale of inflation. Modern Physics Letters A, 2015, 30, 1550179.	0.5	1
731	Natural inflation from 5D SUGRA and low reheating temperature. Nuclear Physics B, 2015, 898, 173-196.	0.9	2
732	Constraining hybrid natural inflation with recent CMB data. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 039-039.	1.9	9
733	Analysis and Simulation of AC-Biased TES Circuits. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-16.	1.1	2
734	A MEASUREMENT OF THE COSMIC MICROWAVE BACKGROUND GRAVITATIONAL LENSING POTENTIAL FROM 100 SQUARE DEGREES OF SPTPOL DATA. Astrophysical Journal, 2015, 810, 50.	1.6	99
735	Parity-violating and anisotropic correlations in pseudoscalar inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 027-027.	1.9	50
736	A density spike on astrophysical scales from an N -field waterfall transition. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 132-143.	1.5	12
737	European Pulsar Timing Array limits on an isotropic stochastic gravitational-wave background. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2577-2599.	1.6	380
738	Symmetry breaking indication for supergravity inflation in light of the Planck 2015. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 006-006.	1.9	10
739	The quantum echo of the early universe. Canadian Journal of Physics, 2015, 93, 968-970.	0.4	3
740	Cosmological three-coupled scalar theory for the dS/LCFT correspondence. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 033-033.	1.9	0
741	Modified Gauss-Bonnet gravity with the Lagrange multiplier constraint as mimetic theory. Classical and Quantum Gravity, 2015, 32, 185007.	1.5	88
742	bicep2/KECK ARRAY. IV. OPTICAL CHARACTERIZATION AND PERFORMANCE OF THE bicep2 AND KECK ARRAY EXPERIMENTS. Astrophysical Journal, 2015, 806, 206.	1.6	34

#	ARTICLE	IF	CITATIONS
743	The Kullback-Leibler divergence as an estimator of the statistical properties of CMB maps. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 051-051.	1.9	11
744	An efficient probe of the cosmological CPT violation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 032-032.	1.9	15
745	Dynamics of Chiral Cosmological Fields in the Phantom-Canonical Model. Russian Physics Journal, 2015, 58, 597-605.	0.2	8
746	Lorentz-violating inflationary magnetogenesis. European Physical Journal C, 2015, 75, 1.	1.4	32
747	Bicep2. III. INSTRUMENTAL SYSTEMATICS. Astrophysical Journal, 2015, 814, 110.	1.6	38
748	Discrete modes in gravitational waves from the big-bang. Astrophysics and Space Science, 2015, 357, 1.	0.5	31
749	The (p, q) inflation model. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1.	2.0	2
750	General dissipative coefficient in strong anisotropic inflation. Astrophysics and Space Science, 2015, 360, 1.	0.5	9
751	Spectral distortions from the dissipation of tensor perturbations. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2871-2886.	1.6	31
752	Weighing the giants – IV. Cosmology and neutrino mass. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2205-2225.	1.6	213
753	Gravitational-wave sensitivity curves. Classical and Quantum Gravity, 2015, 32, 015014.	1.5	504
754	Dark matter production in the early Universe: Beyond the thermal WIMP paradigm. Physics Reports, 2015, 555, 1-60.	10.3	261
755	The observational status of simple inflationary models: an update. Turkish Journal of Physics, 2016, 40, 150-162.	0.5	34
756	A Brief Review on WIMPs in 331 Electroweak Gauge Models. Physics International, 2016, 7, 15-27.	2.0	22
757	The IR obstruction to UV completion for Dante's Inferno model with higher-dimensional gauge theory origin. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 037-037.	1.9	3
758	General Relativity and Cosmology: Unsolved Questions and Future Directions. Universe, 2016, 2, 23.	0.9	140
759	Constraints on gravitino decay and the scale of inflation using CMB spectral distortions. Physical Review D, 2016, 94, .	1.6	15
760	Characterization of foreground emission on degree angular scales for CMB B -mode observations. Astronomy and Astrophysics, 2016, 588, A65.	2.1	39

#	ARTICLE	IF	CITATIONS
761	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A141.	2.1	55
762	Testing an Inflation Model with Nonminimal Derivative Coupling in the Light of Planck 2015 Data. Advances in High Energy Physics, 2016, 2016, 1-16.	0.5	14
763	Stability of a Noncanonical Scalar Field Model during Cosmological Date. Advances in High Energy Physics, 2016, 2016, 1-10.	0.5	3
764	The field-space metric in spiral inflation and related models. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 039-039.	1.9	0
765	Constraints on cosmological birefringence from PLANCK and Bicep2/Keck data. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 001-001.	1.9	23
766	Component separation of a isotropic Gravitational Wave Background. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 024-024.	1.9	15
767	Thermodynamic properties of modified gravity theories. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1630007.	0.8	29
768	Distinctive signatures of space-time diffeomorphism breaking in EFT of inflation. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 044-044.	1.9	55
769	Gravitational lensing and polarization in astrophysics. Journal of Physics: Conference Series, 2016, 678, 012010.	0.3	0
770	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A20.	2.1	1,233
771	BICEP2/KECK ARRAY. VII. MATRIX BASED E/B SEPARATION APPLIED TO BICEP2 AND THE KECK ARRAY. Astrophysical Journal, 2016, 825, 66.	1.6	15
772	Bayesian evidence and predictivity of the inflationary paradigm. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 002-002.	1.9	13
773	Testing gravity theories using tensor perturbations. Physical Review D, 2016, 94, .	1.6	17
774	Big Bang, inflation, standard Physics and the potentialities of new Physics and alternative cosmologies. Present statuts of observational and experimental Cosmology. Open questions and potentialities of alternative cosmologies. EPJ Web of Conferences, 2016, 126, 02012.	0.1	2
775	Gauge theory of massless spin- field in de Sitter space-time. Chinese Physics C, 2016, 40, 113102.	1.5	0
776	No-scale supergravity inflation: A bridge between string theory and particle physics?. International Journal of Modern Physics D, 2016, 25, 1630027.	0.9	2
777	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A1.	2.1	738
778	Large arrays of dual-polarized multichroic TES detectors for CMB measurements with the SPT-3G receiver. , 2016, , .		9

#	ARTICLE	IF	CITATIONS
779	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A15.	2.1	360
780	Testing statistics of the CMB B -mode polarization toward unambiguously establishing quantum fluctuation of the vacuum. Physical Review D, 2016, 94, .	1.6	32
781	Constraints on tachyon inflationary models with an AdS/CFT correspondence. Physical Review D, 2016, 94, .	1.6	7
782	Inflationary field excursion in broad classes of scalar field models. Physical Review D, 2016, 94, .	1.6	3
783	Hessian and graviton propagator of the proper vertex. Classical and Quantum Gravity, 2016, 33, 205010.	1.5	2
784	Bicep2/KECK ARRAY VIII: MEASUREMENT OF GRAVITATIONAL LENSING FROM LARGE-SCALE B-MODE POLARIZATION. Astrophysical Journal, 2016, 833, 228.	1.6	80
785	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A133.	2.1	173
786	New model of axion monodromy inflation and its cosmological implications. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 027-027.	1.9	10
787	Stationary configurations of the Standard Model Higgs potential: Electroweak stability and rising inflection point. Physical Review D, 2016, 94, .	1.6	23
788	<i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A13.	2.1	8,344
789	Cosmological results from the Planck space mission and their comparison with data from the WMAP and BICEP2 experiments. Physics-Uspekhi, 2016, 59, 3-41.	0.8	16
790	Cosmic ray contributions to the WMAP polarization data on the cosmic microwave background. International Journal of Modern Physics D, 2016, 25, 1650029.	0.9	0
791	Advanced ACTPol Cryogenic Detector Arrays and Readout. Journal of Low Temperature Physics, 2016, 184, 772-779.	0.6	240
792	Implementing odd-axions in dimensional oxidation of 4D non-geometric type IIB scalar potential. Nuclear Physics B, 2016, 902, 458-482.	0.9	10
793	General $f(R)$ and conformal inflation from minimal supergravity plus matter. Nuclear Physics B, 2016, 903, 118-131.	0.9	3
794	Multifrequency Seashell Slot Antenna With Cold-Electron Bolometers for Cosmology Space Missions. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-6.	1.1	8
795	Nonlinear electromagnetic fields as a source of universe acceleration. International Journal of Modern Physics A, 2016, 31, 1650058.	0.5	34
796	Geometric phases and cyclic isotropic cosmologies. Classical and Quantum Gravity, 2016, 33, 105003.	1.5	4

#	ARTICLE	IF	CITATIONS
797	Inflation in a viscous fluid model. European Physical Journal C, 2016, 76, 1.	1.4	67
798	#FoundThemâ€“21st Century pre-search and post-detection seti protocols for social and digital media. Acta Astronautica, 2016, 126, 312-315.	1.7	1
799	The refractive index of relic gravitons. Classical and Quantum Gravity, 2016, 33, 125002.	1.5	21
800	DeÂSitter Space Without Dynamical Quantum Fluctuations. Foundations of Physics, 2016, 46, 702-735.	0.6	16
801	Primordial features and Planck polarization. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 009-009.	1.9	35
802	$f(R)$ teleparallel gravity and cosmology. Reports on Progress in Physics, 2016, 79, 106901.	8.1	923
803	Quasi-B-mode generated by high-frequency gravitational waves and corresponding perturbative photon fluxes. Nuclear Physics B, 2016, 911, 500-516.	0.9	10
804	Strong thermal leptogenesis and the N_2 -dominated scenario. Nuclear and Particle Physics Proceedings, 2016, 273-275, 256-261.	0.2	0
805	The first observations of wide-band interferometers and the spectra of relic gravitons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 528-532.	1.5	8
806	Using the Crab Nebula as a high precision calibrator for cosmic microwave background polarimeters. International Journal of Modern Physics D, 2016, 25, 1640008.	0.9	4
807	ICHEP 2014 Summary: Theory Status after the First LHC Run. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1-10.	0.2	0
808	The Quest for B Modes from Inflationary Gravitational Waves. Annual Review of Astronomy and Astrophysics, 2016, 54, 227-269.	8.1	246
809	Isotropy-violation diagnostics for B -mode polarization foregrounds to the Cosmic Microwave Background. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 034-034.	1.9	6
810	Precision predictions for the primordial power spectra of scalar potential models of inflation. Physical Review D, 2016, 93, .	1.6	16
811	Scale-free power spectrums in the delayed cosmology. Physical Review D, 2016, 93, .	1.6	1
812	Approach to exact solutions of cosmological perturbations: Tachyon field inflation. Physical Review D, 2016, 93, .	1.6	9
813	Gravitational-wave implications for structure formation: A second-order approach. Physical Review D, 2016, 93, .	1.6	2
814	Influence of modification of gravity on the dynamics of radiating spherical fluids. Physical Review D, 2016, 93, .	1.6	123

#	ARTICLE	IF	CITATION
815	Energy-momentum correlations for Abelian Higgs cosmic strings. Physical Review D, 2016, 93, .	1.6	29
816	Inflation model constraints from data released in 2015. Physical Review D, 2016, 93, .	1.6	36
817	Inflaton dark matter from incomplete decay. Physical Review D, 2016, 93, .	1.6	31
818	Information gain on reheating: The one bit milestone. Physical Review D, 2016, 93, .	1.6	32
819	Primordial tensor modes of the early Universe. Physical Review D, 2016, 93, .	1.6	35
820	Causes of irregular energy density in $\int_0^1 \frac{1}{R} \frac{dT}{T} \approx 0.784314 \text{ rgB}$	1.6	181
821	B -mode polarization of the CMB and the cosmic neutrino background. Physical Review D, 2016, 93, .	1.6	12
822	Improved Constraints on Cosmology and Foregrounds from BICEP2 and Keck Array Cosmic Microwave Background Data with Inclusion of 95GHz Band. Physical Review Letters, 2016, 116, 031302.	2.9	512
823	Probing the statistical properties of CMB B -mode polarization through Minkowski functionals. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 029-029.	1.9	15
824	The hidden flat like universe II. Astrophysics and Space Science, 2016, 361, 1.	0.5	15
825	Lattice calculation of the decay of primordial Higgs condensate. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 057-057.	1.9	23
826	Eternal inflation in a dissipative and radiation environment: Heated demise of eternity. Physical Review D, 2016, 93, .	1.6	8
827	Leptogenesis from Left-Handed Neutrino Production during Axion Inflation. Physical Review Letters, 2016, 116, 091301.	2.9	30
828	Axion Isocurvature and Magnetic Monopoles. Physical Review Letters, 2016, 116, 141803.	2.9	36
829	Gravitational-Wave Cosmology across 29 Decades in Frequency. Physical Review X, 2016, 6, .	2.8	113
830	Warm Inflation, Cosmological Fluctuations and Constraints from Planck. Thirty Years of Astronomical Discovery With UKIRT, 2016, , 283-297.	0.3	4
831	RECOVERY OF LARGE ANGULAR SCALE CMB POLARIZATION FOR INSTRUMENTS EMPLOYING VARIABLE-DELAY POLARIZATION MODULATORS. Astrophysical Journal, 2016, 818, 151.	1.6	19
832	Room-temperature photon-counting receiver scheme for cosmic microwave background polarization measurements. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
833	Ultra High Energy Cosmic Rays and Neutrinos. Nuclear and Particle Physics Proceedings, 2016, 279-281, 95-102.	0.2	1
834	Imaging cosmic polarization rotation. International Journal of Modern Physics D, 2016, 25, 1640014.	0.9	4
835	PRIMORDIAL GRAVITATIONAL WAVES AND RESCATTERED ELECTROMAGNETIC RADIATION IN THE COSMIC MICROWAVE BACKGROUND. Astrophysical Journal, 2016, 830, 161.	1.6	1
836	Massless Fields on Dirac Six-Cone and De Sitter Ambient Space. International Journal of Theoretical Physics, 2016, 55, 4513-4520.	0.5	3
837	Primordial black holes as a novel probe of primordial gravitational waves. II. Detailed analysis. Physical Review D, 2016, 94, .	1.6	37
838	Robust forecasts on fundamental physics from the foreground-obscured, gravitationally-lensed CMB polarization. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 052-052.	1.9	126
839	Survey strategy optimization for the Atacama Cosmology Telescope. , 2016, , .		20
840	Vacuum and gravitons of relic gravitational waves and the regularization of the spectrum and energy-momentum tensor. Physical Review D, 2016, 94, .	1.6	13
841	Axion inflation with an SU(2) gauge field: detectable chiral gravity waves. Journal of High Energy Physics, 2016, 2016, 1.	1.6	79
842	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A102.	2.1	25
843	On the validity of the perturbative description of axions during inflation. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 039-039.	1.9	61
844	Simple inflationary models in Gauss-Bonnet brane-world cosmology. Classical and Quantum Gravity, 2016, 33, 125034.	1.5	10
845	Status of CMB Observations in 2015. International Journal of Modern Physics Conference Series, 2016, 43, 1660188.	0.7	0
846	Quasi-matter bounce and inflation in the light of the CSL model. European Physical Journal C, 2016, 76, 1.	1.4	11
847	Excess B-modes extracted from the <i>Planck</i> polarization maps. Astronomische Nachrichten, 2016, 337, 662-671.	0.6	1
848	Cosmological constraints from $\langle \frac{1}{4} E \rangle$ cross correlations. Physical Review D, 2016, 94, .	1.6	16
849	Primordial magnetic fields in the $f^{(2)} R^2$ model in large field inflation under de Sitter and power law expansion. Astronomische Nachrichten, 2016, 337, 318-328.	0.6	0
850	A no-go theorem for monodromy inflation. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 025-025.	1.9	15

#	ARTICLE	IF	CITATIONS
851	Primordial gravitational waves, BICEP2 and beyond. <i>Pramana - Journal of Physics</i> , 2016, 86, 325-333.	0.9	0
852	Linear inflation from quartic potential. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	52
853	D6-branes and axion monodromy inflation. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	23
854	Classical harmonic vibrations with micro amplitudes and low frequencies monitored by quantum entanglement. <i>Optical Review</i> , 2016, 23, 92-99.	1.2	1
855	BFORE: The B-mode Foreground Experiment. <i>Journal of Low Temperature Physics</i> , 2016, 184, 746-753.	0.6	5
856	Initial Performance of Bicep3: A Degree Angular Scale 95 GHz Band Polarimeter. <i>Journal of Low Temperature Physics</i> , 2016, 184, 765-771.	0.6	38
857	“Crackpots”™ and “active researchers”™: The controversy over links between arXiv and the scientific blogosphere. <i>Social Studies of Science</i> , 2016, 46, 607-628.	1.5	16
858	Curvature constraints from large scale structure. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 013-013.	1.9	47
859	Foreground-induced biases in CMB polarimeter self-calibration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1796-1803.	1.6	26
860	Anisotropic power-law solutions for a supersymmetry Dirac-Born-Infeld theory. <i>Classical and Quantum Gravity</i> , 2016, 33, 085009.	1.5	16
861	Inflationary weak anisotropic model with general dissipation coefficient. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	0.5	9
862	Perfect fluid and $F(T)$ gravity descriptions of inflationary universe and comparison with observational data. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	0.5	12
863	QUBIC: A Fizeau Interferometer Targeting Primordial B-Modes. <i>Journal of Low Temperature Physics</i> , 2016, 184, 739-745.	0.6	9
864	The Polarbear-2 and the Simons Array Experiments. <i>Journal of Low Temperature Physics</i> , 2016, 184, 805-810.	0.6	139
865	New minimal SO(10) GUT: A theory for all epochs. <i>Pramana - Journal of Physics</i> , 2016, 86, 207-221.	0.9	2
866	SUSY see-saw and NMSO(10)GUT inflation after BICEP2. <i>Pramana - Journal of Physics</i> , 2016, 86, 315-323.	0.9	0
867	Inflation in the light of BICEP2 and PLANCK. <i>Pramana - Journal of Physics</i> , 2016, 86, 353-361.	0.9	0
868	Cosmic bandits: Exploration versus exploitation in CMB B-mode experiments. <i>New Astronomy</i> , 2016, 43, 26-36.	0.8	3

#	ARTICLE	IF	CITATIONS
869	Reconstructing inflationary paradigm within Effective Field Theory framework. Physics of the Dark Universe, 2016, 11, 16-48.	1.8	23
870	The origin, evolution and signatures of primordial magnetic fields. Reports on Progress in Physics, 2016, 79, 076901.	8.1	322
871	Starobinsky-like two-field inflation. European Physical Journal C, 2016, 76, 1.	1.4	49
872	Super-gauge field in de Sitter universe. European Physical Journal C, 2016, 76, 1.	1.4	8
873	Slow-roll inflation and BB-mode angular power spectrum of CMB. European Physical Journal C, 2016, 76, 1.	1.4	1
874	Confusion in Cosmology and Gravitation. International Journal of Theoretical Physics, 2016, 55, 4331-4361.	0.5	0
875	Advanced ACTPol Multichroic Polarimeter Array Fabrication Process for 150 mm Wafers. Journal of Low Temperature Physics, 2016, 184, 634-641.	0.6	32
876	Simple brane-world inflationary models “An update. International Journal of Modern Physics A, 2016, 31, 1650078.	0.5	5
877	A few remarks on the relationship between elementary particle physics, gravitation and cosmology. Gravitation and Cosmology, 2016, 22, 116-121.	0.3	3
878	Scale-dependent gravitational waves from a rolling axion. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 041-041.	1.9	134
879	Optimization of the Electromagnetic (EM) Perturbative Effects Produced by High-Frequency Gravitational Waves. International Journal of Theoretical Physics, 2016, 55, 1871-1881.	0.5	5
880	Acceleration of universe by nonlinear electromagnetic fields. International Journal of Modern Physics D, 2016, 25, 1640002.	0.9	41
881	Sensitivity and foreground modelling for large-scale cosmic microwave background B-mode polarization satellite missions. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2032-2050.	1.6	66
882	Abelian cosmic string in the Starobinsky model of gravity. Classical and Quantum Gravity, 2016, 33, 055004.	1.5	5
883	The Detection of Gravitational Waves. , 2016, , 237-278.		2
884	Causality constraints on corrections to the graviton three-point coupling. Journal of High Energy Physics, 2016, 2016, 1.	1.6	379
885	Imprints of massive primordial fields on large-scale structure. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 017-017.	1.9	76
886	Nano Superconducting Quantum Interference device: A powerful tool for nanoscale investigations. Physics Reports, 2016, 614, 1-69.	10.3	193

#	ARTICLE	IF	CITATIONS
887	CMB lensing tomography with the DES Science Verification galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3213-3244.	1.6	95
888	Precision tests of parity violation over cosmological distances. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1981-1988.	1.6	31
889	General Solution of Massless Spin- $\frac{3}{2}$ Field in de Sitter Universe. International Journal of Theoretical Physics, 2016, 55, 1043-1048.	0.5	1
890	Statistical imprints of CMB B -type polarization leakage in an incomplete sky survey analysis. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 043-043.	1.9	4
891	Higgs-portal assisted Higgs inflation with a sizeable tensor-to-scalar ratio. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 003-003.	1.9	16
892	A White Paper on keV sterile neutrino Dark Matter. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 025-025.	1.9	256
893	Thermal gravitational-wave background in the general pre-inflationary scenario. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 053-053.	1.9	4
894	Lemaître dark energy model singled out by the holographic principle. Gravitation and Cosmology, 2017, 23, 28-34.	0.3	5
895	Not Normal: the uncertainties of scientific measurements. Royal Society Open Science, 2017, 4, 160600.	1.1	30
896	Constraints on primordial magnetic fields from Planck data combined with the South Pole Telescope CMB B -mode polarization measurements. Physical Review D, 2017, 95, .	1.6	44
897	Challenges and prospects for better measurements of the CMB intensity spectrum. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 023-023.	1.9	2
898	The biparametric Fisher-Rényi complexity measure and its application to the multidimensional blackbody radiation. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 043408.	0.9	6
899	Log-correlated Gaussian Fields: An Overview. Progress in Mathematics, 2017, , 191-216.	0.2	20
900	Tensor perturbations during inflation in a spatially closed Universe. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 021-021.	1.9	15
901	Electro-optic correlator for large-format microwave interferometry: Up-conversion and correlation stages performance analysis. Review of Scientific Instruments, 2017, 88, 044702.	0.6	4
902	“Why These Laws?” Multiverse Discourse as a Scene of Response. Perspectives on Science, 2017, 25, 324-354.	0.3	2
903	Starobinsky cosmological model in Palatini formalism. European Physical Journal C, 2017, 77, 1.	1.4	42
904	Geometric sigma model of the Universe. Chinese Physics C, 2017, 41, 055102.	1.5	2

#	ARTICLE	IF	CITATIONS
905	Reconstruction of interaction rate in holographic dark energy model with Hubble horizon as the infrared cut-off. International Journal of Modern Physics D, 2017, 26, 1750136.	0.9	16
906	Tensor Minkowski Functionals: first application to the CMB. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 023-023.	1.9	22
907	Inflation driven by unification energy. Physical Review D, 2017, 95, .	1.6	4
908	Detection methods for stochastic gravitational-wave backgrounds: a unified treatment. Living Reviews in Relativity, 2017, 20, 2.	8.2	296
909	IMAGING PARITY-VIOLATING MODES IN THE CMB. Astronomical Journal, 2017, 153, 41.	1.9	1
910	Probing pre-inflationary anisotropy with directional variations in the gravitational wave background. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 009-009.	1.9	3
911	The Diffuse Light of the Universe. Foundations of Physics, 2017, 47, 851-869.	0.6	5
912	Experimental constraint on dark matter detection with optical atomic clocks. Nature Astronomy, 2017, 1, .	4.2	84
913	A Measurement of the Cosmic Microwave Background B-mode Polarization Power Spectrum at Subdegree Scales from Two Years of polarbear Data. Astrophysical Journal, 2017, 848, 121.	1.6	83
914	Deforming the Starobinsky model in ghost-free higher derivative supergravities. Physical Review D, 2017, 96, .	1.6	7
915	Pure E and B polarization maps via Wiener filtering. Physical Review D, 2017, 96, .	1.6	12
916	CMB Polarization B-mode Delensing with SPTpol and Herschel. Astrophysical Journal, 2017, 846, 45.	1.6	48
917	Gaupa-Bleuler triplet for massless spin- field in de Sitter space. Chinese Physics C, 2017, 41, 093106.	1.5	0
918	Current and Future Constraints on Primordial Magnetic Fields. Astrophysical Journal, 2017, 846, 164.	1.6	26
919	Coupled vacuum energy model producing endless alternated phases of accelerated and decelerated expansion. Physical Review D, 2017, 95, .	1.6	2
920	Tensor to scalar ratio from single field magnetogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 482-486.	1.5	3
921	Muon $g-2$ in gauge mediated supersymmetry breaking models with adjoint messengers. Physical Review D, 2017, 95, .	1.6	6
922	Energy conditions in modified $f(G)$ gravity. General Relativity and Gravitation, 2017, 49, 1.	0.7	105

#	ARTICLE	IF	CITATIONS
923	Extracting gravitational waves induced by plasma turbulence in the early Universe through an averaging process. Classical and Quantum Gravity, 2017, 34, 145008.	1.5	0
924	Advances in Bolometer Technology for Fundamental Physics. Annual Review of Nuclear and Particle Science, 2017, 67, 161-181.	3.5	62
925	Search for domain wall dark matter with atomic clocks on board global positioning system satellites. Nature Communications, 2017, 8, 1195.	5.8	94
926	Tensor perturbations in anisotropically curved cosmologies. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 022-022.	1.9	6
927	Biparametric complexities and generalized Planck radiation law. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 505001.	0.7	6
928	Inflation and cosmological dynamics in $f(R)$ gravity. Physical Review D, 2017, 96, .	1.6	4
929	Is Seeing Believing?: Observation in Physics. Physics in Perspective, 2017, 19, 321-423.	0.2	6
930	Simulated forecasts for primordial B -mode searches in ground-based experiments. Physical Review D, 2017, 95, .	1.6	27
931	Improving the single scalar consistency relation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 225-230.	1.5	3
932	Stability analysis of stellar radiating filaments. Classical and Quantum Gravity, 2017, 34, 145002.	1.5	68
933	Nonlinear description of Yang-Mills cosmology: cosmic inflation and the accompanying Hannay's angle. Chinese Physics C, 2017, 41, 065103.	1.5	0
934	Detailed investigation of the duration of inflation in loop quantum cosmology for a Bianchi I universe with different inflaton potentials and initial conditions. Physical Review D, 2017, 95, .	1.6	33
935	Testing theories of gravity and supergravity with inflation and observations of the cosmic microwave background. International Journal of Modern Physics D, 2017, 26, 1730023.	0.9	8
936	Constraints on reconstructed dark energy model from SN Ia and BAO/CMB observations. European Physical Journal C, 2017, 77, 1.	1.4	46
937	Lagrangian for massless gravitational field in de Sitter space. European Physical Journal Plus, 2017, 132, 1.	1.2	0
938	Physics in the early universe. International Journal of Modern Physics D, 2017, 26, 1740001.	0.9	1
939	Higher-derivative $f(R, \square R, T)$ theories of gravity. International Journal of Modern Physics D, 2017, 26, 1750024.	0.9	23
941	Robert Dicke and the naissance of experimental gravity physics, 1957-1967. European Physical Journal H, 2017, 42, 177-259.	0.5	18

#	ARTICLE	IF	CITATIONS
942	Dynamics of modified Chaplygin gas inflation on the Brane with bulk viscous pressure. International Journal of Modern Physics D, 2017, 26, 1750031.	0.9	20
943	Evolution of semilocal string networks. II. Velocity estimators. Physical Review D, 2017, 96, .	1.6	5
944	Complementing the ground-based CMB-S4 experiment on large scales with the PIXIE satellite. Physical Review D, 2017, 95, .	1.6	21
945	Systematic errors in estimation of gravitational-wave candidate significance. Physical Review D, 2017, 96, .	1.6	21
946	BICEP2 / Keck Array IX: New bounds on anisotropies of CMB polarization rotation and implications for axionlike particles and primordial magnetic fields. Physical Review D, 2017, 96, .	1.6	39
947	Hybrid loop quantum cosmology and predictions for the cosmic microwave background. Physical Review D, 2017, 96, .	1.6	46
948	Large number limit of multifield inflation. Physical Review D, 2017, 96, .	1.6	0
949	Space gravitational wave antenna DECIGO and B-DECIGO. CEAS Space Journal, 2017, 9, 371-377.	1.1	3
950	No-scale SUGRA SO(10) Inflation. Pramana - Journal of Physics, 2017, 89, 1.	0.9	0
951	Class of regular bouncing cosmologies. Physical Review D, 2017, 95, .	1.6	4
952	Waves as the Symmetry Principle Underlying Cosmic, Cell, and Human Languages. Information (Switzerland), 2017, 8, 24.	1.7	8
953	Lemaître Class Dark Energy Model for Relaxing Cosmological Constant. Universe, 2017, 3, 39.	0.9	13
954	Dark Energy, QCD Axion, and Trans-Planckian-Inflaton Decay Constant. Universe, 2017, 3, 68.	0.9	1
955	21 cm intensity mapping with the Five hundred metre Aperture Spherical Telescope. Astronomy and Astrophysics, 2017, 597, A136.	2.1	22
956	Unbiased pseudo- C_{ℓ} power spectrum estimation with mode projection. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1847-1855.	1.6	29
957	Future cosmic microwave background delensing with galaxy surveys. Physical Review D, 2018, 97, .	1.6	23
958	Observational constraints on tachyonic chameleon dark energy model. Astrophysics and Space Science, 2018, 363, 1.	0.5	4
959	Exploring cosmic origins with CORE: Inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 016-016.	1.9	75

#	ARTICLE	IF	CITATIONS
960	Exploring cosmic origins with CORE: Cosmological parameters. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 017-017.	1.9	73
961	Constraints on a generalized deceleration parameter from cosmic chronometers. Modern Physics Letters A, 2018, 33, 1850056.	0.5	43
962	Fate of global symmetries in the Universe: QCD axion, quintessential axion and trans-Planckian inflaton decay constant. International Journal of Modern Physics A, 2018, 33, 1830002.	0.5	10
963	Tibet's window on primordial gravitational waves. Nature Astronomy, 2018, 2, 104-106.	4.2	18
964	Generation of circular polarization in CMB radiation via nonlinear photon-photon interaction. Physical Review D, 2018, 97, .	1.6	18
965	Generation of Magnetic Fields. Springer Theses, 2018, , 53-73.	0.0	0
966	Electron-photon interaction in de Sitter ambient space formalism. Modern Physics Letters A, 2018, 33, 1850006.	0.5	4
967	Simple cosmological model with inflation and late times acceleration. European Physical Journal C, 2018, 78, 1.	1.4	4
968	Confirmation of the detection of B modes in the Planck polarization maps. Astronomische Nachrichten, 2018, 339, 432-439.	0.6	1
969	Constraints on patchy reionization from Planck CMB temperature trispectrum. Physical Review D, 2018, 97, .	1.6	19
970	Dark neutrino interactions make gravitational waves blue. Physical Review D, 2018, 97, .	1.6	15
971	Existence and global exponential stability of periodic solutions for coupled control systems on networks with feedback and time delays. Communications in Nonlinear Science and Numerical Simulation, 2018, 63, 72-87.	1.7	9
972	Probing large-scale magnetism with the cosmic microwave background. Classical and Quantum Gravity, 2018, 35, 084003.	1.5	19
973	Recent discoveries from the cosmic microwave background: a review of recent progress. Reports on Progress in Physics, 2018, 81, 044901.	8.1	26
974	String Theory Explanation of Large-Scale Anisotropy and Anomalous Alignment. Reports in Advances of Physical Sciences, 2018, 02, 1750012.	0.6	0
975	Testing the ABS Method with the Simulated Planck Temperature Maps. Astrophysical Journal, Supplement Series, 2018, 239, 36.	3.0	4
976	Observational constraints on the jerk parameter with the data of the Hubble parameter. European Physical Journal C, 2018, 78, 1.	1.4	60
977	Sensing and Vetoing Loud Transient Noises for the Gravitational-wave Detection. Journal of the Korean Physical Society, 2018, 73, 1197-1210.	0.3	2

#	ARTICLE	IF	CITATIONS
978	Constraints on Primordial Gravitational Waves Using $P(l,a,n,c)$, WMAP, and New BICEP2/Keck Observations through the 2015 Season. Physical Review Letters, 2018, 121, 221301.	2.9	366
979	The EBEX Balloon-borne Experimentâ€™ Optics, Receiver, and Polarimetry. Astrophysical Journal, Supplement Series, 2018, 239, 7.	3.0	23
980	The EBEX Balloon-borne Experimentâ€™ Detectors and Readout. Astrophysical Journal, Supplement Series, 2018, 239, 8.	3.0	13
981	The EBEX Balloon-borne Experimentâ€™ Gondola, Attitude Control, and Control Software. Astrophysical Journal, Supplement Series, 2018, 239, 9.	3.0	26
982	Power-law inflation with minimal and nonminimal coupling. European Physical Journal Plus, 2018, 133, 1.	1.2	7
983	Impact of Collisional Matter on the Late-Time Dynamics of $f(R,T)$ Gravity. Symmetry, 2018, 10, 463.	1.1	14
984	Phase space description of nonlocal teleparallel gravity. European Physical Journal C, 2018, 78, 1.	1.4	12
985	No-scale SUGRA inflation and Type-I seesaw. International Journal of Modern Physics A, 2018, 33, 1850127.	0.5	8
986	Inflation and dark energy in $f(R, \dot{\phi})$ gravity. Modern Physics Letters A, 2018, 33, 1850215.	0.5	5
987	Statistical properties of Galactic CMB foregrounds: dust and synchrotron. Monthly Notices of the Royal Astronomical Society, 2018, 478, 530-540.	1.6	19
988	The C-Band All-Sky Survey (C-BASS): design and capabilities. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3224-3242.	1.6	44
989	Results from the Atacama B-mode Search (ABS) experiment. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 005-005.	1.9	37
990	Updated bounds on sum of neutrino masses in various cosmological scenarios. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 017-017.	1.9	82
991	Electromagnetic response of gravitational waves passing through an alternating magnetic field: A scheme to probe high-frequency gravitational waves. Physical Review D, 2018, 98, .	1.6	6
992	Small field models with gravitational wave signature supported by CMB data. PLoS ONE, 2018, 13, e0197735.	1.1	7
993	Ruling out critical Higgs inflation?. Physical Review D, 2018, 98, .	1.6	22
994	Detecting primordial gravitational waves with circular polarization of the redshifted 21 cm line. I. Formalism. Physical Review D, 2018, 97, .	1.6	10
995	Test-particle dynamics in general spherically symmetric black hole spacetimes. Physical Review D, 2018, 97, .	1.6	43

#	ARTICLE	IF	CITATIONS
996	Searching for primordial magnetic fields with CMB B -modes. Classical and Quantum Gravity, 2018, 35, 124004.	1.5	19
997	E and B families of the Stokes parameters in the polarized synchrotron and thermal dust foregrounds. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 059-059.	1.9	11
998	CMB B-mode auto-bispectrum produced by primordial gravitational waves. Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	8
999	Energy conditions in higher derivative $f(R, \hat{a}^{-1}R, T)$ gravity. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850146.	0.8	26
1000	Mitigating Complex Dust Foregrounds in Future Cosmic Microwave Background Polarization Experiments. Astrophysical Journal, 2018, 853, 127.	1.6	35
1001	A new parametrization for dark energy density and future deceleration. Modern Physics Letters A, 2018, 33, 1850113.	0.5	9
1002	Bouncing cosmology in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi}>f\langle \text{mml:mi}>\langle \text{mml:mo} \text{stretchy="false">}\langle \text{mml:mo}>\langle \text{mml:mi}>R\langle \text{mml:mi}>\langle \text{mml:mo}>,\langle \text{mml:mo}>\langle \text{mml:mi}>T\langle \text{mml:mi}>\langle \text{mml:mo}>T_j \text{ETQq000 0 rgBT/Overlock} \text{mml:math}>$	1.6	57
1003	On a Possibility of the Gravitational Wave Detection at the High Energy Colliders. International Journal of Modern Physics Conference Series, 2018, 46, 1860059.	0.7	0
1004	The Complexities of Interstellar Dust and the Implications for the Small-scale Structure in the Cosmic Microwave Background. Astrophysical Journal, 2018, 853, 137.	1.6	0
1005	Super inflation mechanism with oscillating scalar fields in $F(R, T)$ gravity. International Journal of Modern Physics D, 2018, 27, 1850112.	0.9	12
1006	Cosmological backgrounds of gravitational waves. Classical and Quantum Gravity, 2018, 35, 163001.	1.5	490
1007	Predictions of Spectral Parameters by Several Inflationary Universe Models in Light of the Planck Results. Universe, 2018, 4, 15.	0.9	18
1008	Inflation in terms of a viscous van der Waals coupled fluid. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850150.	0.8	19
1009	Expectation of primordial gravity waves generated during inflation. Physical Review D, 2018, 98, .	1.6	14
1010	Modified Gaussâ€“Bonnet gravity with radiating fluids. European Physical Journal C, 2018, 78, 1.	1.4	13
1011	How gravitational waves could solve some of the Universeâ€™s deepest mysteries. Nature, 2018, 556, 164-168.	13.7	3
1012	Reflection, Transmission and Polarization. Undergraduate Texts in Physics, 2018, , 293-334.	0.1	1
1013	Consistency of anisotropic inflation during rapid oscillations with Planck 2015 data. Astrophysics and Space Science, 2018, 363, 1.	0.5	3

#	ARTICLE	IF	CITATIONS
1014	Inflationary magnetogenesis with added helicity: constraints from non-Gaussianities. Classical and Quantum Gravity, 2018, 35, 124003.	1.5	35
1015	A 3D model of polarized dust emission in the Milky Way. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1310-1330.	1.6	21
1016	Controlling the thermal conductance of silicon nitride membranes at 100 mK temperatures with patterned metal features. Applied Physics Letters, 2019, 115, .	1.5	7
1017	TeV scale leptogenesis, inflaton dark matter, and neutrino mass in a scotogenic model. Physical Review D, 2019, 99, .	1.6	66
1018	Study of anisotropic strange stars in $f(R, T)$ gravity. Physical Review D, 2019, 100, .	1.6	10
1019	Simplest linear functional of the matter-geometry coupling. Physical Review D, 2019, 100, .	1.6	3
1020	Inflation model selection revisited. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	4
1021	Charged gravastars in modified gravity. Physical Review D, 2019, 100, .	1.6	62
1022	Cosmological Solutions in 2 + 1-Dimensional New Massive Gravity in the Presence of the Dirac Field. Gravitation and Cosmology, 2019, 25, 179-183.	0.3	3
1023	Constraining light sterile neutrino mass with the BICEP2/Keck array 2014 B-mode polarization data. European Physical Journal C, 2019, 79, 1.	1.4	15
1024	Future CMB constraints on cosmic birefringence and implications for fundamental physics. Physical Review D, 2019, 100, .	1.6	36
1025	Testing the gravitational field generated by a quantum superposition. New Journal of Physics, 2019, 21, 093052.	1.2	55
1026	Photon decaying in de Sitter universe. Journal of Theoretical and Applied Physics, 2019, 13, 383-389.	1.4	1
1027	Inflationary tensor fossils deformed by solid matter-scalar field interaction. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 048-048.	1.9	2
1028	Principal component analysis of the primordial tensor power spectrum. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 055-055.	1.9	14
1029	Dust Polarization Maps from TIGRESS: E/B Power Asymmetry and TE Correlation. Astrophysical Journal, 2019, 880, 106.	1.6	29
1030	Study on charged strange stars in $f(R, T)$ gravity. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 070-070.	1.9	47
1031	Non-reversible evolution of tilted Szekeres spacetimes with $f(R)$ gravity. European Physical Journal Plus, 2019, 134, 1.	1.2	17

#	ARTICLE	IF	CITATIONS
1032	Tilted shear-free axially symmetric fluids in $f(R)$ gravity. European Physical Journal Plus, 2019, 134, 1.	1.2	15
1033	Spacetime Symmetry and Lemaître Class Dark Energy Models. Symmetry, 2019, 11, 90.	1.1	6
1034	ABS: an analytical method of blind separation of CMB from foregrounds. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1616-1626.	1.6	5
1035	A Microwave Polarimeter Demonstrator for Astronomy with Near-Infra-Red Up-Conversion for Optical Correlation and Detection. Sensors, 2019, 19, 1870.	2.1	7
1036	Tachyon inflation in teleparallel gravity. European Physical Journal C, 2019, 79, 1.	1.4	22
1037	New exact spherically symmetric solutions in $f(R)$ gravity by Noether's symmetry approach. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 016-016.	1.9	29
1038	Intensity-coupled Polarization in Instruments with a Continuously Rotating Half-wave Plate. Astrophysical Journal, 2019, 876, 54.	1.6	2
1039	Stability of the Einstein static Universe in Einstein–Cartan–Brans–Dicke gravity. European Physical Journal C, 2019, 79, 1.	1.4	12
1040	Bounds on higher derivative $f(R, \square R, T)$ models from energy conditions. Modern Physics Letters A, 2019, 34, 1950082.	0.5	7
1041	MontePython 3: Boosted MCMC sampler and other features. Physics of the Dark Universe, 2019, 24, 100260.	1.8	315
1042	Photon Bubbles in a Self-gravitating Dust Gas: Collective Dust Interactions. Astrophysical Journal, 2019, 872, 142.	1.6	4
1043	Data driven foreground clustering approach to component separation in multifrequency CMB experiments: a new Planck CMB map. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 039-039.	1.9	6
1044	Mediating Environments and Objects as Knowledge Infrastructure. Computer Supported Cooperative Work, 2019, 28, 25-59.	1.9	9
1045	$f(\mathcal{G}, T)$ Gravity with Cylindrically Symmetric Relativistic Fluids. Communications in Theoretical Physics, 2019, 71, 220.	1.1	2
1046	How to avoid X's around point sources in maximum likelihood CMB maps. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 060-060.	1.9	6
1047	Systematic effects induced by half-wave plate precession into measurements of the cosmic microwave background polarization. Astronomy and Astrophysics, 2019, 627, A160.	2.1	7
1048	Multi-resolution Bayesian CMB component separation through Wiener filtering with a pseudo-inverse preconditioner. Astronomy and Astrophysics, 2019, 627, A98.	2.1	18
1049	SAGE: A proposal for a space atomic gravity explorer. European Physical Journal D, 2019, 73, 1.	0.6	75

#	ARTICLE	IF	CITATIONS
1050	Inflight performance of the PILOT balloon-borne experiment. <i>Experimental Astronomy</i> , 2019, 48, 265-295.	1.6	2
1051	Stability, spontaneous and induced polarization in monolayer MoC, WC, WS, and WSe. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 045301.	0.7	6
1052	Stochastic gravitational wave backgrounds. <i>Reports on Progress in Physics</i> , 2019, 82, 016903.	8.1	176
1053	Probing primordial gravitational waves: Ali CMB Polarization Telescope. <i>National Science Review</i> , 2019, 6, 145-154.	4.6	59
1054	Evolution of Collisional Matter in Modified Teleparallel Theories. <i>Journal of Physics: Conference Series</i> , 2020, 1557, 012007.	0.3	0
1055	Study of Tsallis holographic dark energy model in the framework of fractal cosmology. <i>Modern Physics Letters A</i> , 2020, 35, 2050251.	0.5	11
1056	Cosmological decoherence from thermal gravitons. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	6
1057	Cosmological models with squared trace in modified gravity. <i>International Journal of Modern Physics D</i> , 2020, 29, 2050100.	0.9	11
1058	GroundBIRD: A CMB Polarization Experiment with MKID Arrays. <i>Journal of Low Temperature Physics</i> , 2020, 200, 384-391.	0.6	16
1059	Non-minimal M-fflation. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	5
1060	Cosmological inflationary studying around the type IV singularity within $f(T)$ gravity. <i>International Journal of Geometric Methods in Modern Physics</i> , 2020, 17, 2050195.	0.8	0
1061	Producing synthetic maps of dust polarization using a velocity channel gradient technique. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2868-2884.	1.6	18
1062	Study of the charged super-Chandrasekhar limiting mass white dwarfs in the $\langle mml:math display="inline">\langle mml:mrow>\langle mml:mi>f\langle mml:mi>\langle mml:mo stretchy="false">(\langle mml:mo>\langle mml:mi>R\langle mml:mi>\langle mml:mo>,\langle mml:mo>\langle mml:mi>T_j ETQq0 0 0 rgBT /Overlock 10 Tf 50 252 Td (math$	1.6	8
1063	gravity. <i>Physical Review D</i> , 2020, 101, . Absolute calibration of the polarisation angle for future CMB $\langle i>B\langle /i>$ -mode experiments from current and future measurements of the Crab nebula. <i>Astronomy and Astrophysics</i> , 2020, 634, A100.	2.1	17
1064	The study of $G\ddot{A}$ del type solutions in $f(R, \ddot{I})$ gravity. <i>New Astronomy</i> , 2020, 80, 101422.	0.8	21
1065	Models of quintessence compact stars in Rastall gravity consistent with observational data. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	12
1067	A new class of $f(R)$ -gravity model with wormhole solutions and cosmological properties. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	12
1068	Dark energy from cosmic inflation. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0

#	ARTICLE	IF	CITATIONS
1069	Constraints on features in the inflationary potential from future Euclid data. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3448-3468.	1.6	14
1070	The synergy between CMB spectral distortions and anisotropies. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 026-026.	1.9	51
1071	Effective field theory of dark energy: A review. Physics Reports, 2020, 857, 1-63.	10.3	113
1072	B-mode power spectrum of CMB via polarized Compton scattering. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 051-051.	1.9	3
1073	Detecting Primordial Gravitational Waves: a forecast study on optimizing frequency distribution of next generation ground-based CMB telescope. European Physical Journal C, 2020, 80, 1.	1.4	1
1074	Supersymmetric hybrid inflation with non-minimal coupling to gravity. European Physical Journal Plus, 2020, 135, 1.	1.2	3
1075	On Nash theory of gravity with matter contents. International Journal of Modern Physics A, 2021, 36, 2150006.	0.5	1
1076	A demonstration of improved constraints on primordial gravitational waves with delensing. Physical Review D, 2021, 103, .	1.6	21
1078	$\langle B^2 \rangle = \frac{1}{2} \langle B_i B_i \rangle$ XII: Constraints on axionlike polarization oscillations in the cosmic microwave background. Physical Review D, 2021, 103, .	1.6	12
1079	Polarization tensor in de Sitter gauge gravity. International Journal of Modern Physics D, 2021, 30, 2150035.	0.9	3
1080	Relic Radiation and the Modern Cosmological Model. Astronomy Reports, 2021, 65, 153-169.	0.2	1
1081	Peeling off foregrounds with the constrained moment ILC method to unveil primordial CMB B modes. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2478-2498.	1.6	31
1082	Lunar Gravitational-wave Antenna. Astrophysical Journal, 2021, 910, 1.	1.6	41
1083	Noether symmetry approach in Eddington-inspired Born-Infeld gravity. European Physical Journal C, 2021, 81, 1.	1.4	2
1084	A space mission to map the entire observable universe using the CMB as a backlight. Experimental Astronomy, 2021, 51, 1555-1591.	1.6	4
1085	Anisotropic stellar structures in the theory of gravity with quintessence via embedding approach. Chinese Physics C, 2021, 45, 045102.	1.5	12
1086	Relic neutrino degeneracies and their impact on cosmological parameters. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 024.	1.9	4
1087	Baryogenesis through asymmetric Hawking radiation from primordial black holes as dark matter. Physical Review D, 2021, 103, .	1.6	6

#	ARTICLE	IF	CITATIONS
1088	Performance optimization of the nano-sized pick-up loop of a dc-SQUID. Physica C: Superconductivity and Its Applications, 2021, 583, 1353852.	0.6	2
1089	ForSE: A GAN-based Algorithm for Extending CMB Foreground Models to Subdegree Angular Scales. Astrophysical Journal, 2021, 911, 42.	1.6	18
1090	L2-CalSat: A Calibration Satellite for Ultra-Sensitive CMB Polarization Space Missions. Sensors, 2021, 21, 3361.	2.1	11
1091	The Simons Observatory: gain, bandpass and polarization-angle calibration requirements for B-mode searches. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 032.	1.9	14
1092	A minimal power-spectrum-based moment expansion for CMB B-mode searches. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 047.	1.9	17
1093	The upper bound on the tensor-to-scalar ratio consistent with quantum gravity. Communications in Theoretical Physics, 2021, 73, 075402.	1.1	0
1094	Charging effect on traversable wormholes in $f(R) = R + \hat{I} \pm R_m + \hat{I}^2 R \hat{a}^n$ gravity. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150144.	0.8	4
1095	 $f = T_j ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 46$ gravity bouncing universe with cosmological parameters. Chinese Journal of Physics, 2021, 71, 770-781.	2.0	5
1096	Instrumental systematics biases in CMB lensing reconstruction: A simulation-based assessment. Physical Review D, 2021, 103, .	1.6	8
1097	Formation of cylindrical gravastars in modified gravity. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150167.	0.8	3
1098	Gravitational collapse for anisotropic radiating star with Karmarkar condition in $f(R,T)$ gravity. Chinese Journal of Physics, 2021, 72, 78-92.	2.0	7
1099	Linear stability of Einstein and de Sitter universes in the quadratic theory of modified gravity. SciPost Physics Proceedings, 2021, , .	0.2	0
1100	Constraining reionization with the first measurement of the cross-correlation between the CMB optical-depth fluctuations and the Compton y -map. Physical Review D, 2021, 104, .	1.6	6
1101	The Simons Observatory Large Aperture Telescope Receiver. Astrophysical Journal, Supplement Series, 2021, 256, 23.	3.0	11
1102	Revised estimates of CMB B -mode polarization induced by patchy reionization. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 003-003.	1.9	15
1103	Cryogenic Detectors. , 2020, , 871-912.		1
1104	The Scientific Potential of Space-Based Gravitational Wave Detectors. Thirty Years of Astronomical Discovery With UKIRT, 2015, , 225-243.	0.3	1
1105	Cosmological Applications of Algebraic Quantum Field Theory. Letters in Mathematical Physics, 2015, , 253-288.	0.4	1

#	ARTICLE	IF	CITATIONS
1106	The Observational Status of Galileon Gravity After Planck. Springer Theses, 2016, , 55-90.	0.0	1
1107	The Observational Status of Cosmic Inflation After Planck. Thirty Years of Astronomical Discovery With UKIRT, 2016, , 41-134.	0.3	61
1108	Decay of the Cosmic Vacuum Energy. Fundamental Theories of Physics, 2017, , 61-71.	0.1	3
1112	Testing for foreground residuals in the <i>Planck</i> foreground cleaned maps: A new method for designing confidence masks. Astronomy and Astrophysics, 2015, 578, A44.	2.1	7
1113	Making maps of cosmic microwave background polarization for <i>B</i> -mode studies: the POLARBEAR example. Astronomy and Astrophysics, 2017, 600, A60.	2.1	11
1116	BTZ gems inside regular Born-Infeld black holes. Classical and Quantum Gravity, 2020, 37, 185002.	1.5	12
1119	Imprints of relic gravitational waves on pulsar timing. Research in Astronomy and Astrophysics, 2016, 16, 013.	0.7	4
1120	Review: far-infrared instrumentation and technological development for the next decade. Journal of Astronomical Telescopes, Instruments, and Systems, 2019, 5, 1.	1.0	40
1121	Design of 280 GHz feedhorn-coupled TES arrays for the balloon-borne polarimeter SPIDER. Proceedings of SPIE, 2016, , .	0.8	9
1122	BICEP Array: a multi-frequency degree-scale CMB polarimeter. , 2018, , .		46
1123	Design and performance of wide-band corrugated walls for the BICEP Array detector modules at 30/40 GHz. , 2018, , .		6
1124	BFORE: a CMB balloon payload to measure reionization, neutrino mass, and cosmic inflation. , 2018, , .		1
1125	2017 upgrade and performance of BICEP3: a 95GHz refracting telescope for degree-scale CMB polarization. , 2018, , .		13
1126	Overview of the medium and high frequency telescopes of the LiteBIRD space mission. , 2020, , .		3
1127	Primordial gravitational waves spectrum in the Coupled-Scalar-Tachyon Bounce Universe. European Physical Journal C, 2020, 80, 1.	1.4	4
1128	De Sitter scalar-spinor interaction in Minkowski limit. International Journal of Modern Physics D, 2020, 29, 2050092.	0.9	1
1129	The logotropic dark fluid: Observational and thermodynamic constraints. International Journal of Modern Physics D, 2020, 29, 2050097.	0.9	7
1130	JEM-EUSO Science. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
1132	Big Bang, Blowup, and Modular Curves: Algebraic Geometry in Cosmology. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	6
1133	Predictions of Cosmic Microwave Background Foreground Dust Polarization Using Velocity Gradients. Astrophysical Journal, 2020, 888, 96.	1.6	19
1134	Gaussâ€“Bonnet Inflation after Planck2018. Astrophysical Journal, 2020, 890, 58.	1.6	20
1135	A Measurement of the Degree-scale CMB B-mode Angular Power Spectrum with Polarbear. Astrophysical Journal, 2020, 897, 55.	1.6	41
1136	Two Modes of Carbonaceous Dust Alignment. Astrophysical Journal, 2020, 902, 97.	1.6	12
1137	A MEASUREMENT OF THE COSMIC MICROWAVE BACKGROUND B-MODE POLARIZATION WITH POLARBEAR. Publications of the Korean Astronomical Society, 2015, 30, 625-628.	0.1	3
1138	Seismogravitational processes accompanying the evolution of seismic focal structures in the lithosphere. Geodinamika I Tektonofizika, 2020, 11, 53-61.	0.3	3
1139	A new experiment for gravitational wave detection. Canadian Journal of Physics, 2021, 99, 975-981.	0.4	1
1140	Improved Constraints on Primordial Gravitational Waves using <i>Planck</i> , WMAP, and BICEP/ <i>Keck</i> Observations through the 2018 Observing Season. Physical Review Letters, 2021, 127, 151301.	2.9	401
1141	On the Physics inside a Closed, Static, Rotating Einsteinian Hypersphere in Due Consideration of the Galaxy. Natural Science, 2014, 06, 897-961.	0.2	1
1142	Frequency-domain Readout for Transition Edge Sensor Bolometers for the POLARBEAR-2 Cosmic Microwave Background Experiment. TEION KOGAKU (Journal of Cryogenics and Superconductivity) Tj ETQq0 0 0 rgBT /Overlap 10 Tf 50	0.1	0
1143	Gravitational-wave team admits findings could amount to dust. Nature, 0, , .	13.7	0
1144	Inflaci3n vectorial en el marco de las teorÃas de gauge no abelianas. Revista De La Academia Colombiana De Ciencias Exactas, Físicas Y Naturales, 2014, 38, 7.	0.0	0
1145	Physics: Wave of the future. Nature, 2014, 511, 278-281.	13.7	0
1146	BICEP2 and the Gravitino Mass: The Questionable Result. Modern Applied Science, 2014, 8, 30.	0.4	3
1148	Modelling of Extreme Waves in Natural Resonators: From Gravity Waves to the Origin of the Universe. , 2015, , 251-336.		0
1149	Platform for Manipulating Polarization Modes Realized with Jones Vectors in MATHEMATICA. Journal of Astronomy and Space Sciences, 2015, 32, 151-159.	0.3	1
1150	Science and the media. ScienceOpen Research, 2015, .	0.6	0

#	ARTICLE	IF	CITATIONS
1152	Problems of CMB Data Registration and Analysis. Thirty Years of Astronomical Discovery With UKIRT, 2016, , 167-228.	0.3	0
1154	Effect of Small Pulsar Distance Variations in Stochastic GW Background Searches with PTAs. Springer Theses, 2016, , 71-90.	0.0	0
1155	Cosmic Microwave Background. UNITEXT for Physics, 2016, , 191-206.	0.1	0
1156	Gravitational Wave Astrophysics with Pulsar Timing Arrays. Springer Theses, 2016, , .	0.0	1
1159	Cosmic Polarization Rotation in view of the Recent CMB experiments. , 2016, , .		0
1162	Design and characterization of the POLARBEAR-2b and POLARBEAR-2c cosmic microwave background cryogenic receivers. , 2018, , .		3
1163	When Polarimetry Made History. Astrophysics and Space Science Library, 2019, , 1-12.	1.0	0
1164	Wellenschlag des Urknalls. , 2019, , 37-46.		0
1166	Observing low elevation sky and the CMB Cold Spot with BICEP3 at the South Pole. , 2020, , .		1
1167	Einstein's other models III: conformally static metrics, perfect fluid and scalar fields. European Physical Journal C, 2020, 80, 1.	1.4	1
1168	Polarization of the Cosmic Infrared Background Fluctuations. Astrophysical Journal, 2020, 897, 140.	1.6	5
1169	Before the Big Bang. , 2021, , 85-97.		0
1170	Development of a 70–110 GHz silicon corrugated horn for cosmic microwave background experiment. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, e22996.	0.8	1
1171	Simons Observatory: Constraining inflationary gravitational waves with multitracer B -mode delensing. Physical Review D, 2022, 105, .	1.6	13
1172	Anisotropic stars of class one space-time in R -geometry coupling. Chinese Journal of Physics, 2022, 77, 1502-1522.	2.0	16
1173	In-flight polarization angle calibration for LiteBIRD: blind challenge and cosmological implications. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 039.	1.9	9
1174	Primordial gravitational waves from NANOGrav: A broken power-law approach. Physical Review D, 2022, 105, .	1.6	62
1175	Optimal Cosmic Microwave Background Lensing Reconstruction and Parameter Estimation with SPTpol Data. Astrophysical Journal, 2021, 922, 259.	1.6	21

#	ARTICLE	IF	CITATIONS
1176	A Constraint on Primordial B-modes from the First Flight of the Spider Balloon-borne Telescope. Astrophysical Journal, 2022, 927, 174.	1.6	24
1177	Bicep/Keck XV: The Bicep3 Cosmic Microwave Background Polarimeter and the First Three-year Data Set. Astrophysical Journal, 2022, 927, 77.	1.6	15
1179	QUBIC VII: The feedhorn-switch system of the technological demonstrator. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 040.	1.9	6
1180	QUBIC VI: Cryogenic half wave plate rotator, design and performance. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 039.	1.9	8
1181	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. Journal of High Energy Astrophysics, 2022, 34, 49-211.	2.4	350
1182	QUBIC I: Overview and science program. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 034.	1.9	20
1183	Measuring the primordial gravitational waves from cosmic microwave background and stochastic gravitational wave background observations. Modern Physics Letters A, 2022, 37, .	0.5	1
1184	Improved limits on the tensor-to-scalar ratio using BICEP and $P_{lcl}^{a,n,c}$ data. Physical Review D, 2022, 105, .	1.6	71
1185	Polarization power spectra and dust cloud morphology. Astronomy and Astrophysics, 0, , .	2.1	3
1186	Marginal unbiased score expansion and application to CMB lensing. Physical Review D, 2022, 105, .	1.6	11
1187	Noether symmetry approach in non-minimal derivative coupling gravity. European Physical Journal C, 2022, 82, .	1.4	1
1189	LRS Bianchi type-I cosmological models with periodic time varying deceleration parameter in f(R,T) gravity. International Journal of Modern Physics A, 2022, 37, .	0.5	7
1190	Utilizing the null stream of the Einstein Telescope. Physical Review D, 2022, 105, .	1.6	12
1191	Stability Analysis of Isotropic Spheres in Einstein Gauss-Bonnet Gravity. Annalen Der Physik, 2022, 534, .	0.9	5
1192	Polarized Synchrotron Foreground Assessment for CMB Experiments. Astrophysical Journal, 2022, 936, 24.	1.6	5
1193	Barrow Holographic dark energy in fractal cosmology. International Journal of Geometric Methods in Modern Physics, 2022, 19, .	0.8	9
1194	Performance forecasts for the primordial gravitational wave detection pipelines for AliCPT-1. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 063.	1.9	9
1195	The Primordial Particle Accelerator of the Cosmos. Universe, 2022, 8, 594.	0.9	1

#	ARTICLE	IF	CITATIONS
1196	Bouncing Cosmology in Modified Gravity with Higher-Order Gauss–Bonnet Curvature Term. Universe, 2022, 8, 636.	0.9	5
1197	Energy conditions in extended $f(R, G, T)$ gravity. Physica Scripta, 2023, 98, 015016.	1.2	2
1198	Observational constraints on Tsallis holographic dark energy with Ricci horizon cutoff. Astrophysics and Space Science, 2022, 367, .	0.5	3
1199	Quark stars with $2.6 M_{\odot}$ in a non-minimal geometry-matter coupling theory of gravity. European Physical Journal C, 2022, 82, .	1.4	15
1200	Generic Behavior of Electromagnetic Fields of Regular Rotating Electrically Charged Compact Objects in Nonlinear Electrodynamics Minimally Coupled to Gravity. Symmetry, 2023, 15, 188.	1.1	1
1201	Orbits of Particles and Photons around Regular Rotating Black Holes and Solitons. Symmetry, 2023, 15, 273.	1.1	1
1202	Stellar model of compact stars in the Rastall Theory with specific metric potentials. New Astronomy, 2023, 102, 102039.	0.8	2
1203	Performance of the polarization leakage correction in the PILOT data. Experimental Astronomy, 0, , .	1.6	0
1204	Optimization of a Microwave Polarimeter for Astronomy with Optical Correlation and Detection. Sensors, 2023, 23, 2414.	2.1	2
1205	A hybrid map- \hat{C} component separation method for primordial CMB B-mode searches. Journal of Cosmology and Astroparticle Physics, 2023, 2023, 035.	1.9	1
1206	Highly Sensitive Tunable Magnetometer Based on Superconducting Quantum Interference Device. Sensors, 2023, 23, 3558.	2.1	4
1211	Signal Readout for Transition-Edge Sensor X-ray Imaging Spectrometers. , 2023, , 1-48.		2
1227	Signal Readout for Transition-Edge Sensor X-ray Imaging Spectrometers. , 2024, , 755-802.		0