

Planck intermediate results

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Citation Report

#	ARTICLE	IF	CITATIONS
1	First cosmological constraints combining Planck with the recent gravitational-wave standard siren measurement of the Hubble constant. <i>Physical Review D</i> , 2018, 97, .	1.6	19
2	Vacuum phase transition solves the $\langle \sigma \rangle < H \rangle < 0 \rangle$ tension. <i>Physical Review D</i> , 2018, 97, .	1.6	119
3	Insensitivity of the distance ladder Hubble constant determination to Cepheid calibration modelling choices. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4534-4542.	1.6	66
4	Exploring cosmic origins with CORE: Survey requirements and mission design. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 014-014.	1.9	98
5	The BAHAMAS project: the CMB's large-scale structure tension and the roles of massive neutrinos and galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2999-3030.	1.6	113
6	Elucidating Λ CDM: Impact of Baryon Acoustic Oscillation Measurements on the Hubble Constant Discrepancy. <i>Astrophysical Journal</i> , 2018, 853, 119.	1.6	176
7	Measurements of the Temperature and E-mode Polarization of the CMB from 500 Square Degrees of SPTpol Data. <i>Astrophysical Journal</i> , 2018, 852, 97.	1.6	145
8	A Comparison of Maps and Power Spectra Determined from South Pole Telescope and Planck Data. <i>Astrophysical Journal</i> , 2018, 853, 3.	1.6	18
9	Assessing Consistency between WMAP 9 Year and Planck 2015 Temperature Power Spectra. <i>Astrophysical Journal</i> , 2018, 869, 38.	1.6	19
10	Inflationary versus reionization features from <i>Planck</i> 2015 data. <i>Physical Review D</i> , 2018, 98, .	1.6	14
11	Exploring the Tension between Current Cosmic Microwave Background and Cosmic Shear Data. <i>Symmetry</i> , 2018, 10, 585.	1.1	45
12	Cosmological constraints on matter density perturbations amplitude, neutrino mass and number of relativistic species. <i>EPJ Web of Conferences</i> , 2018, 191, 01009.	0.1	0
13	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A10.	2.1	49
14	Observational Constraints on the Tilted Spatially Flat and the Untilted Nonflat Λ CDM Dynamical Dark Energy Inflation Models. <i>Astrophysical Journal</i> , 2018, 868, 83.	1.6	69
15	Cluster counts: Calibration issue or new physics?. <i>Astronomy and Astrophysics</i> , 2018, 620, A78.	2.1	22
16	Planck 2015 Constraints on the Non-flat Λ CDM Inflation Model. <i>Astrophysical Journal</i> , 2018, 869, 34.	1.6	47
17	Non-minimal gravitational reheating during kination. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 021-021.	1.9	57
18	The effects of a varying cosmological constant on the particle horizon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2228-2234.	1.6	3

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19	Bayesian evidence against the Harrison-Zelâ€™dovich spectrum in tensions with cosmological data sets. Physical Review D, 2018, 98, .	1.6	29
20	Phantom Dirac-Born-Infeld dark energy. Physical Review D, 2018, 98, .	1.6	4
21	Cornering the $P_l a^n n^c$ tension with future CMB data. Physical Review D, 2018, 97, .	1.6	20
22	Planck 2015 Constraints on the Non-flat $\hat{\Lambda}$ CDM Inflation Model. Astrophysical Journal, 2018, 864, 80.	1.6	76
23	Tensions between direct measurements of the lens power spectrum from <i>Planck</i> data. Physical Review D, 2018, 97, .	1.6	30
24	Status of Neutrino Properties and Future Prospectsâ€™ Cosmological and Astrophysical Constraints. Frontiers in Physics, 2018, 5, .	1.0	102
25	Dark energy, $\hat{\Lambda}$ -attractors, and large-scale structure surveys. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 041-041.	1.9	101
26	Implications of an extended dark energy cosmology with massive neutrinos for cosmological tensions. Physical Review D, 2018, 97, .	1.6	127
27	Does history repeat itself? Periodic Time Cosmology. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 058-058.	1.9	1
28	On the road to $\hat{\Lambda}$ per cent accuracy â€™ II. Calibration of the non-linear matter power spectrum for arbitrary cosmologies. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4826-4840.	1.6	37
29	Using the Tilted flat- $\hat{\Lambda}$ CDM and the Untilted Non-flat $\hat{\Lambda}$ CDM Inflation Models to Measure Cosmological Parameters from a Compilation of Observational Data. Astrophysical Journal, 2019, 882, 158.	1.6	69
30	Loglinear series expansions with applications to primordial cosmology. Physical Review D, 2019, 99, .	1.6	7
31	The impact of baryonic physics and massive neutrinos on weak lensing peak statistics. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3340-3357.	1.6	17
32	Tuning goodness-of-fit testsâ€™. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1889-1898.	1.6	2
33	Early Dark Energy can Resolve the Hubble Tension. Physical Review Letters, 2019, 122, 221301.	2.9	566
34	Observational constraints on the tilted flat- Λ CDM and the untilted nonflat Λ CDM dynamical dark energy inflation parameterizations. Astrophysics and Space Science, 2019, 364, 1.	0.5	52
35	Quantifying the CMB Degeneracy between the Matter Density and Hubble Constant in Current Experiments. Astrophysical Journal, 2019, 871, 77.	1.6	10
36	Cosmic variance mitigation in measurements of the integrated Sachs-Wolfe effect. Physical Review D, 2019, 99, .	1.6	3

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55	Model independent comparison of supernova and strong lensing cosmography: Implications for the Hubble constant tension. <i>Physical Review D</i> , 2020, 102, .	1.6	12
56	Prospects of probing dark energy with eLISA: Standard versus null diagnostics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2896-2907.	1.6	4
57	Reducing the H_0 tension with generalized Proca theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 038-038.	1.9	26
58	Λ CDM 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A6.	2.1	6,722
59	Constraining the Hubble tension or H_0 tension? <i>Physical Review D</i> , 2020, 102, .	1.6	44
60	Constraining early dark energy with large-scale structure. <i>Physical Review D</i> , 2020, 102, .	1.6	143
61	Flow-based likelihoods for non-Gaussian inference. <i>Physical Review D</i> , 2020, 102, .	1.6	11
62	Cosmology dependence of galaxy cluster scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3728-3740.	1.6	13
63	Constraining dark-matter ensembles with supernova data. <i>Physical Review D</i> , 2020, 101, .	1.6	15
64	Reionization optical depth determination from Λ CDM HFI data with ten percent accuracy. <i>Astronomy and Astrophysics</i> , 2020, 635, A99.	2.1	41
65	Oscillating scalar fields and the Hubble tension: A resolution with novel signatures. <i>Physical Review D</i> , 2020, 101, .	1.6	183
66	Hubble constant hunter's guide. <i>Physical Review D</i> , 2020, 101, .	1.6	363
67	Analytic Calculation of Covariance between Cosmological Parameters from Correlated Data Sets, with an Application to SPTpol. <i>Astrophysical Journal</i> , 2020, 888, 26.	1.6	2
68	Alleviating the H_0 and $\Omega_b h^2$ anomalies with a decaying dark matter model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 026-026.	1.9	85
69	New physics in light of the H_0 tension: An alternative view. <i>Physical Review D</i> , 2020, 102, .	1.6	267
70	Distant foreground and the Planck-derived Hubble constant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5052-5056.	1.6	7
71	Gravitational Waves, CMB Polarization, and the Hubble Tension. <i>Physical Review Letters</i> , 2020, 124, 041301.	2.9	6
72	Power-law solution for homogeneous and isotropic universe in $f(R, T)$ gravity. <i>New Astronomy</i> , 2020, 79, 101396.	0.8	8

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73	Nonminimal dark sector physics and cosmological tensions. <i>Physical Review D</i> , 2020, 101, .	1.6	211
74	Lensinglike tensions in the $\Omega_c h^2$ legacy release. <i>Physical Review D</i> , 2020, 101, .	1.6	27
75	The bahamas project: effects of a running scalar spectral index on large-scale structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 676-697.	1.6	11
76	Viability of the $R+e^T$ cosmology. <i>General Relativity and Gravitation</i> , 2020, 52, 1.	0.7	12
77	Exploring an early dark energy solution to the Hubble tension with Planck and SPTPol data. <i>Physical Review D</i> , 2021, 103, .	1.6	29
78	<i>Planck</i> constraints on the tensor-to-scalar ratio. <i>Astronomy and Astrophysics</i> , 2021, 647, A128.	2.1	78
79	Early dark energy resolution to the Hubble tension in light of weak lensing surveys and lensing anomalies. <i>Physical Review D</i> , 2021, 103, .	1.6	72
80	Classification of Magnetohydrodynamic Simulations Using Wavelet Scattering Transforms. <i>Astrophysical Journal</i> , 2021, 910, 122.	1.6	25
81	High H_0 Values from CMB E-mode Data: A Clue for Resolving the Hubble Tension?. <i>Astrophysical Journal Letters</i> , 2021, 912, L1.	3.0	15
82	No H_0 assistance from assisted quintessence. <i>Physical Review D</i> , 2021, 103, .	1.6	20
83	Addressing H_0 tension by means of Λ CDM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 816, 136201.	1.5	27
84	Differentiating dark interactions with perturbation. <i>Physical Review D</i> , 2021, 103, .	1.6	9
85	Relieving the H_0 tension with a new interacting dark energy model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 005.	1.9	39
86	Improving data-driven model-independent reconstructions and updated constraints on dark energy models from Horndeski cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 048.	1.9	13
87	Breaking the degeneracy between polarization efficiency and cosmological parameters in CMB experiments. <i>Physical Review D</i> , 2021, 104, .	1.6	2
88	Role of T_0 in CMB anisotropy measurements. <i>Physical Review D</i> , 2021, 104, .	1.6	4
89	The minimally extended Varying Speed of Light (meVSL). <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 054.	1.9	11
90	Relieve the H_0 tension with a new coupled generalized three-form dark energy model. <i>Physics of the Dark Universe</i> , 2021, 33, 100852.	1.7	17

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91	Snowmass2021 - Letter of interest cosmology intertwined IV: The age of the universe and its curvature. <i>Astroparticle Physics</i> , 2021, 131, 102607.	1.9	39
92	Constraints on the curvature of the Universe and dynamical dark energy from the full-shape and BAO data. <i>Physical Review D</i> , 2021, 103, .	1.6	46
93	Cosmic microwave background constraints in light of priors over reionization histories. <i>Astronomy and Astrophysics</i> , 2018, 617, A96.	2.1	30
94	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A1.	2.1	804
95	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A5.	2.1	558
96	Vainshtein screening in bimetric cosmology. <i>Physical Review D</i> , 2020, 102, .	1.6	7
97	Deconstructing the Planck TT Power Spectrum to Constrain Deviations from Λ CDM. <i>Astrophysical Journal</i> , 2020, 905, 164.	1.6	8
98	Constraints on Λ CDM extensions from the SPT-3G 2018 E and T power spectra. <i>Physical Review D</i> , 2022, 105, .	1.6	40
99	Measurement of Neutrinos in the BAO Spectrum. <i>Springer Theses</i> , 2019, , 161-178.	0.0	0
100	The Establishment of the Standard Cosmological Model Through Observations. , 2020, , 311-347.		0
101	Testing AdS early dark energy with Planck, SPTpol, and LSS data. <i>Physical Review D</i> , 2021, 104, .	1.6	26
102	Consistency of Planck, ACT, and SPT constraints on magnetically assisted recombination and forecasts for future experiments. <i>Physical Review D</i> , 2022, 105, .	1.6	15
103	Linear cosmological constraints on two-body decaying dark matter scenarios and the S_8 tension. <i>Physical Review D</i> , 2021, 104, .	1.6	34
104	Exploration of interacting dynamical dark energy model with interaction term including the equation-of-state parameter: alleviation of the H_0 tension. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 036.	1.9	12
105	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. <i>Journal of High Energy Astrophysics</i> , 2022, 34, 49-211.	2.4	350
106	Toward early dark energy and n_s with ACT and SPT plus. <i>Physical Review D</i> , 2022, 105, .	1.6	31
107	Pseudoscalar sterile neutrino self-interactions in light of Planck, SPT and ACT data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 010.	1.9	11
108	Atacama Cosmology Telescope: Constraints on prerecombination early dark energy. <i>Physical Review D</i> , 2022, 105, .	1.6	59

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109	Particle production during inflation: a Bayesian analysis with CMB data from Planck 2018. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 016.	1.9	4
110	Challenges for Λ CDM: An update. <i>New Astronomy Reviews</i> , 2022, 95, 101659.	5.2	246
111	Hints of early dark energy in Planck, SPT, and ACT data: New physics or systematics?. <i>Physical Review D</i> , 2022, 106, .	1.6	44
112	Revealing the late-time transition of $H(z)$: relieve the Hubble crisis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 576-581.	1.6	12
113	Microphysics of early dark energy. <i>Physical Review D</i> , 2022, 106, .	1.6	15
114	Observational constraints on the interacting dark energy ϵ Dark matter (IDM) cosmological models. <i>Physics of the Dark Universe</i> , 2022, 38, 101131.	1.8	9
115	D-term inflation in braneworld models: Consistency with cosmic-string bounds and early-time Hubble tension resolving models. <i>Physical Review D</i> , 2022, 106, .	1.6	7
116	Early or phantom dark energy, self-interacting, extra, or massive neutrinos, primordial magnetic fields, or a curved universe: An exploration of possible solutions to the $H(z)$ and $H(z)$ problems. <i>Physical Review D</i> , 2022, 106, .	1.6	12
117	Multiple Transitions in Vacuum Dark Energy and $H(z)$ Tension. <i>Astrophysical Journal</i> , 2022, 940, 121.	1.6	9
118	A step in the right direction? Analyzing the Wess Zumino Dark Radiation solution to the Hubble tension. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 001.	1.9	10
119	Hubble Tension: The Evidence of New Physics. <i>Universe</i> , 2023, 9, 94.	0.9	30
120	Updated constraints from the effective field theory analysis of the BOSS power spectrum on early dark energy. <i>Physical Review D</i> , 2023, 107, .	1.6	27