

HoLiCOW â€™ IX. Cosmographic analysis of the doubly new measurement of the Hubble constant

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Assessing the effect of lens mass model in cosmological application with updated galaxy-scale strong gravitational lensing sample. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3745-3758.	1.6	41
2	The use of convolutional neural networks for modelling large optically-selected strong galaxy-lens samples. Monthly Notices of the Royal Astronomical Society, 2019, 488, 991-1004.	1.6	28
3	Galaxy mass profiles from strong lensing I: the circular power-law model. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5143-5154.	1.6	11
4	Unified lensing and kinematic analysis for any elliptical mass profile. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1387-1400.	1.6	16
5	New Probe of Gravity: Strongly Lensed Gravitational-wave Multimessenger Approach. Astrophysical Journal, 2019, 880, 50.	1.6	14
6	Generalised model-independent characterisation of strong gravitational lenses – VI. The origin of the formalism intrinsic degeneracies and their influence on H_0 . Monthly Notices of the Royal Astronomical Society, 2019, 487, 4492-4503.	1.6	9
7	Probing dark matter structure down to 107 solar masses: flux ratio statistics in gravitational lenses with line-of-sight haloes. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5721-5738.	1.6	79
8	Does history repeat itself? Periodic Time Cosmology. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 058-058.	1.9	1
9	Physics in one dimension with perpendicular non-locality. Journal of Physics: Conference Series, 2019, 1275, 012054.	0.3	0
10	Turning Gravitationally Lensed Supernovae into Cosmological Probes. Astrophysical Journal, 2019, 876, 107.	1.6	29
11	Methods for cluster cosmology and application to the SDSS in preparation for DES Year 1 release. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4779-4800.	1.6	82
12	Accounting for Correlations When Fitting Extra Cosmological Parameters. Astrophysical Journal, 2019, 882, 124.	1.6	2
13	Strong gravitational lensing of explosive transients. Reports on Progress in Physics, 2019, 82, 126901.	8.1	93
14	Galaxy structure with strong gravitational lensing: decomposing the internal mass distribution of massive elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	26
15	Astrometric requirements for strong lensing time-delay cosmography. Monthly Notices of the Royal Astronomical Society, 2019, 489, 2097-2103.	1.6	24
16	Rates and Properties of Supernovae Strongly Gravitationally Lensed by Elliptical Galaxies in Time-domain Imaging Surveys. Astrophysical Journal, Supplement Series, 2019, 243, 6.	3.0	41
17	Revisiting a Negative Cosmological Constant from Low-Redshift Data. Symmetry, 2019, 11, 1035.	1.1	104
18	COSMOGRAIL. Astronomy and Astrophysics, 2019, 629, A97.	2.1	31

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19	A SHARP view of HOLiCOW: H ₀ from three time-delay gravitational lens systems with adaptive optics imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1743-1773.	1.6	128
20	Cosmic time slip: Testing gravity on supergalactic scales with strong-lensing time delays. <i>Physical Review D</i> , 2019, 100, .	1.6	9
21	Constraints on the interacting vacuum “geodesic CDM scenario. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3423-3438.	1.6	82
22	CMB Tensions with Low-Redshift H ₀ and S ₈ Measurements: Impact of a Redshift-Dependent Type-Ia Supernovae Intrinsic Luminosity. <i>Symmetry</i> , 2019, 11, 986.	1.1	47
23	An expanding controversy. <i>Science</i> , 2019, 365, 1076-1077.	6.0	2
24	Ultralight dark photon as a model for early Universe dark matter. <i>Physical Review D</i> , 2019, 100, .	1.6	11
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26	An interacting dark sector and the implications of the first gravitational-wave standard siren detection on current constraints. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 900-907.	1.6	6
27	Early Dark Energy can Resolve the Hubble Tension. <i>Physical Review Letters</i> , 2019, 122, 221301.	2.9	566
28	Weak gravitational deflection by two-power-law densities using the Gauss-Bonnet theorem. <i>Physical Review D</i> , 2019, 99, .	1.6	28
29	Quantifying the evidence for the current speed-up of the Universe with low and intermediate-redshift data. A more model-independent approach. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 026-026.	1.9	27
30	The Hubble “Lemaître constant and sound horizon from low-redshift probes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5046-5051.	1.6	14
31	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2184-2196.	1.6	143
32	Constraints on cosmic curvature with lensing time delays and gravitational waves. <i>Physical Review D</i> , 2019, 99, .	1.6	20
33	The Local Perspective on the Hubble Tension: Local Structure Does Not Impact Measurement of the Hubble Constant. <i>Astrophysical Journal</i> , 2019, 875, 145.	1.6	107
34	The local and distant Universe: stellar ages and H_0 . <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 043-043.	1.9	48
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36	Low-redshift measurement of the sound horizon through gravitational time-delays. <i>Astronomy and Astrophysics</i> , 2019, 632, A91.	2.1	12

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38	The Hubble constant determined through an inverse distance ladder including quasar time delays and Type Ia supernovae. <i>Astronomy and Astrophysics</i> , 2019, 628, L7.	2.1	43
39	Hot thermal universe endowed with massive dark vector fields and the Hubble tension. <i>Physical Review D</i> , 2019, 100, .	1.6	15
40	Exploring the evidence for a large local void with supernovae Ia data. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	21
41	Model-independent Determination of H_0 and Ω_m from Strong Lensing and Type Ia Supernovae. <i>Physical Review Letters</i> , 2019, 123, 231101.	2.9	48
42	The Cosmic Distance Duality Relation with Strong Lensing and Gravitational Waves: An Opacity-free Test. <i>Astrophysical Journal</i> , 2019, 885, 70.	1.6	24
43	A Model-independent Determination of the Hubble Constant from Lensed Quasars and Supernovae Using Gaussian Process Regression. <i>Astrophysical Journal Letters</i> , 2019, 886, L23.	3.0	75
44	Measuring the Distances to Quasars at High Redshifts with Strong Lensing. <i>Astrophysical Journal</i> , 2019, 883, 3.	1.6	5
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48	Localizing merging black holes with sub-arcsecond precision using gravitational-wave lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3395-3402.	1.6	52
49	HOLiCOW XII. Lens mass model of WFI2033-4723 and blind measurement of its time-delay distance and H_0 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1440-1468.	1.6	61
50	Scalar-tensor theories of gravity, neutrino physics, and the H_0 tension. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 044-044.	1.9	68
51	Cosmological inference using gravitational wave standard sirens: A mock data analysis. <i>Physical Review D</i> , 2020, 101, .	1.6	95
52	Parameter interplay of CMB temperature, space curvature, and expansion rate. <i>Physical Review D</i> , 2020, 102, .	1.6	6
53	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
54	Time-delay cosmographic forecasts with strong lensing and JWST stellar kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4783-4807.	1.6	34

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56	Baryon-Interacting Dark Matter: heating dark matter and the emergence of galaxy scaling relations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 025-025.	1.9	9
57	Cosmological evolution of light dark photon dark matter. <i>Physical Review D</i> , 2020, 101, .	1.6	59
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59	On the cosmological performance of photometrically classified supernovae with machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2974-2991.	1.6	8
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62	Metastable dark energy models in light of Λ CDM 2018 data: Alleviating the H ₀ -tension. <i>Physical Review D</i> , 2020, 102, .	1.6	25
63	A Chi-Squared Analysis of the Measurements of Two Cosmological Parameters over Time. <i>Universe</i> , 2020, 6, 114.	0.9	5
64	COSMOGRAIL. <i>Astronomy and Astrophysics</i> , 2020, 640, A105.	2.1	52
65	A 4â€“percent measurement of H ₀ using the cumulative distribution of strong lensing time delays in doubly imaged quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2871-2886.	1.6	13
66	Late-time decaying dark matter: constraints and implications for the H ₀ -tension. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1757-1764.	1.6	38
67	XENON1T anomaly and its implication for decaying warm dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 811, 135976.	1.5	30
68	The Hubble tension and a renormalizable model of gauged neutrino self-interactions. <i>Physical Review D</i> , 2020, 102, .	1.6	37
69	Fundamental physics with the diffuse supernova background neutrinos. <i>Physical Review D</i> , 2020, 102, .	1.6	36
70	Tension of the E - G statistic and redshift space distortion data with the Planck - Λ CDM model and implications for weakening gravity. <i>Physical Review D</i> , 2020, 101, .	1.6	41
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74	New graviton mass bound from binary pulsars. <i>Physical Review D</i> , 2020, 102, .	1.6	20
75	Strong lensing time delay constraints on dark energy: a forecast. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 057-057.	1.9	7
76	Degenerate Sub-keV fermion dark matter from a solution to the Hubble tension. <i>Physical Review D</i> , 2020, 101, .	1.6	19
77	Constraining dark-matter ensembles with supernova data. <i>Physical Review D</i> , 2020, 101, .	1.6	15
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79	Reference frame dependence of the local measurement of the Hubble constant. <i>Physical Review D</i> , 2020, 101, .	1.6	0
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83	H0LiCOW â€™ XIII. A 2.4 per cent measurement of H_0 from lensed quasars: 5.3% tension between early- and late-Universe probes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1420-1439.	1.6	632
84	Overconstrained gravitational lens models and the Hubble constant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1725-1735.	1.6	65
85	Neutrino puzzle: Anomalies, interactions, and cosmological tensions. <i>Physical Review D</i> , 2020, 101, .	1.6	202
86	$\langle m_{\nu} \rangle$ tension and the string swampland. <i>Physical Review D</i> , 2020, 101, .	1.6	30
87	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
88	New physics in light of the H_0 tension: An alternative view. <i>Physical Review D</i> , 2020, 102, .	1.6	267
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90	The Mass Relations between Supermassive Black Holes and Their Host Galaxies at $1 \lesssim z \lesssim 2$ with HST-WFC3. <i>Astrophysical Journal</i> , 2020, 888, 37.	1.6	87
91	Gravitational Waves, CMB Polarization, and the Hubble Tension. <i>Physical Review Letters</i> , 2020, 124, 041301.	2.9	6

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93	<i>hybrid-lensool</i> : a self-consistent algorithm to model galaxy clusters with strong- and weak-lensing simultaneously. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3331-3340.	1.6	14
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95	Quintessence axion dark energy and a solution to the hubble tension. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135408.	1.5	26
96	Dynamic Dark Energy Equation of State (EoS) and Hubble Constant Analysis Using Type Ia Supernovae from Union 2.1 Dataset. <i>Astronomy Reports</i> , 2020, 64, 281-294.	0.2	2
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101	Dark matter haloes of massive elliptical galaxies at $z \lesssim 0.2$ are well described by the Navarro-Frenk-White profile. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2380-2405.	1.6	47
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103	Detection of isotropic cosmic birefringence and its implications for axionlike particles including dark energy. <i>Physical Review D</i> , 2021, 103, .	1.6	44
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107	Early dark energy in k -essence. <i>Physical Review D</i> , 2021, 103, .	1.6	24
108	SLITRONOMY: Towards a fully wavelet-based strong lensing inversion technique. <i>Astronomy and Astrophysics</i> , 2021, 647, A176.	2.1	18
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111	Cosmology with the <i>Roman Space Telescope</i> : synergies with the Rubin Observatory Legacy Survey of Space and Time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1514-1527.	1.6	24
112	Measuring accretion disk sizes of lensed quasars with microlensing time delay in multi-band light curves. <i>Astronomy and Astrophysics</i> , 2021, 647, A115.	2.1	9
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115	Constraining cosmological and galaxy parameters using strong gravitational lensing systems. <i>Physical Review D</i> , 2021, 103, .	1.6	8
116	Measurements of the Hubble constant and cosmic curvature with quasars: ultracompact radio structure and strong gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2179-2186.	1.6	33
117	The Hubble tension: Change in dark energy or a case for modified gravity?. <i>Indian Journal of Physics</i> , 2022, 96, 1289-1292.	0.9	4
118	The impact of line-of-sight structures on measuring H_0 with strong lensing time delays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2224-2234.	1.6	8
119	Ghost dark energy in Rastall theory. <i>Modern Physics Letters A</i> , 2021, 36, 2150090.	0.5	2
120	w phantom transition at $z < 0.1$ as a resolution of the Hubble tension. <i>Physical Review D</i> , 2021, 103, .	1.6	54
121	Deep learning approach to Hubble parameter. <i>Computer Physics Communications</i> , 2021, 261, 107809.	3.0	11
122	Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Cosmological implications from two decades of spectroscopic surveys at the Apache Point Observatory. <i>Physical Review D</i> , 2021, 103, .	1.6	527
123	Improved time-delay lens modelling and H_0 inference with transient sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5621-5628.	1.6	19
124	Strongly lensed supernovae as a self-sufficient probe of the distance duality relation. <i>Physics of the Dark Universe</i> , 2021, 32, 100824.	1.8	7
125	Revisiting cosmological diffusion models in Unimodular Gravity and the H_0 tension. <i>Physics of the Dark Universe</i> , 2021, 32, 100807.	1.8	23
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132	A determination of the Ω_{m}^2 cosmological parameter without tension. Modern Physics Letters A, 2021, 36, 2150157.	0.5	0
133	TDCOSMO. Astronomy and Astrophysics, 2021, 652, A7.	2.1	11
134	Improving data-driven model-independent reconstructions and updated constraints on dark energy models from Horndeski cosmology. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 048.	1.9	13
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136	In the realm of the Hubble tension—a review of solutions $\langle H \rangle^*$. Classical and Quantum Gravity, 2021, 38, 153001.	1.5	816
137	The minimally extended Varying Speed of Light (meVSL). Journal of Cosmology and Astroparticle Physics, 2021, 2021, 054.	1.9	11
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147	New measures to test modified gravity cosmologies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 059-059.	1.9	3
148	The H_0 tension: $\hat{\Gamma}^G$ vs. $\hat{\Gamma}^N$. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 024-024.	1.9	50
149	Investigating the relationship between cosmic curvature and dark energy models with the latest supernova sample. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 151.	0.7	11
150	Testing the evolution of correlations between supermassive black holes and their host galaxies using eight strongly lensed quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 269-280.	1.6	16
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152	A CMB search for the neutrino mass mechanism and its relation to the Hubble tension. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	99
153	Mathematical Underpinnings of the Multiwavelength Structure of the Tip of the Red Giant Branch. <i>Astronomical Journal</i> , 2020, 160, 170.	1.9	4
154	Cosmology-independent Estimate of the Hubble Constant and Spatial Curvature using Time-delay Lenses and Quasars. <i>Astrophysical Journal</i> , 2020, 897, 127.	1.6	22
155	H_0 Reconstruction with Type Ia Supernovae, Baryon Acoustic Oscillation and Gravitational Lensing Time Delay. <i>Astrophysical Journal</i> , 2020, 900, 160.	1.6	14
156	Evidence for Emergent Dark Energy. <i>Astrophysical Journal</i> , 2020, 902, 58.	1.6	43
157	Near-infrared and Optical Continuum Emission Region Size Measurements in the Gravitationally lensed Quasars Q0957+561 and SBS0909+532. <i>Astrophysical Journal</i> , 2020, 905, 7.	1.6	13
158	A New Physics Would Explain What Looks Like an Irreconcilable Tension between the Values of Hubble Constants and Allows H_0 to Be Calculated Theoretically Several Ways. <i>Journal of Modern Physics</i> , 2021, 12, 1656-1707.	0.3	1
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161	Late-time acceleration due to a generic modification of gravity and the Hubble tension. <i>Physical Review D</i> , 2021, 104, .	1.6	17
162	Deep Extragalactic Visible Legacy Survey (DEVILS): DR1 Blended Spectra Search for Candidate Strong Gravitational Lenses. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	1
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