

Zhiqi Huang

List of Publications by Year in descending order

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67
papers

23,430
citations

117625

34
h-index

102487

66
g-index

68
all docs

68
docs citations

68
times ranked

17099
citing authors

#	ARTICLE	IF	CITATIONS
1	The S8 tension in light of updated redshift-space distortion data and PAge approximation. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	8
2	Constraints on the abundance of primordial black holes with different mass distributions from lensing of fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1141-1152.	4.4	8
3	Search for Lensing Signatures from the Latest Fast Radio Burst Observations and Constraints on the Abundance of Primordial Black Holes. Astrophysical Journal, 2022, 928, 124.	4.5	19
4	A Simulation-based Method for Correcting Mode Coupling in CMB Angular Power Spectra. Astrophysical Journal, 2022, 928, 109.	4.5	2
5	Cosmological constraints from the density gradient weighted correlation function. Monthly Notices of the Royal Astronomical Society, 2022, 513, 595-603.	4.4	1
6	Constraints on the abundance of supermassive primordial black holes from lensing of compact radio sources. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3627-3633.	4.4	7
7	In-Flight Gain Monitoring of SPIDER's Transition-Edge Sensor Arrays. Journal of Low Temperature Physics, 2022, 209, 649-657.	1.4	1
8	Thawing k-essence dark energy in the PAge space. Communications in Theoretical Physics, 2022, 74, 095404.	2.5	2
9	Superclustering with the Atacama Cosmology Telescope and Dark Energy Survey. I. Evidence for Thermal Energy Anisotropy Using Oriented Stacking. Astrophysical Journal, 2022, 933, 134.	4.5	6
10	Reconciling low and high redshift GRB luminosity correlations. Physical Review D, 2021, 103, .	4.7	8
11	Statistics of thawing k -essence dark energy models. Physical Review D, 2021, 104, .	4.7	4
12	High-quality Strong Lens Candidates in the Final Kilo-Degree Survey Footprint. Astrophysical Journal, 2021, 923, 16.	4.5	20
13	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A6.	5.1	6,722
14	Supernova Magnitude Evolution and PAge Approximation. Astrophysical Journal Letters, 2020, 892, L28.	8.3	16
15	Can non-standard recombination resolve the Hubble tension?. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	44
16	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A11.	5.1	118
17	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A1.	5.1	804
18	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A4.	5.1	218

#	ARTICLE	IF	CITATIONS
19	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A9.	5.1	319
20	<i>Planck</i> 2018 results. Astronomy and Astrophysics, 2020, 641, A5.	5.1	558
21	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2020, 644, A99.	5.1	4
22	Band-limited Features in the Primordial Power Spectrum Do Not Resolve the Hubble Tension. Astrophysical Journal, 2020, 897, 166.	4.5	10
23	New High-quality Strong Lens Candidates with Deep Learning in the Kilo-Degree Survey. Astrophysical Journal, 2020, 899, 30.	4.5	46
24	Reaffirming the Cosmic Acceleration without Supernovae and the Cosmic Microwave Background. Astrophysical Journal, 2020, 905, 53.	4.5	14
25	High-redshift minihaloes from modulated preheating. Physical Review D, 2019, 99, .	4.7	2
26	Forecasting cosmological bias due to local gravitational redshift. International Journal of Modern Physics D, 2019, 28, 1950150.	2.1	0
27	Flatness without CMB: The Entanglement of Spatial Curvature and Dark Energy Equation of State. Astrophysical Journal, 2019, 877, 107.	4.5	7
28	The Simons Observatory: science goals and forecasts. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 056-056.	5.4	741
29	Anti-evaporation and evaporation of an n -dimensional Reissner-NordstrÅm black hole. Physical Review D, 2019, 99, .	4.7	1
30	Comparison of Einstein-Boltzmann solvers for testing general relativity. Physical Review D, 2018, 97, .	4.7	44
31	The H₀ Tension in Non-flat QCDM Cosmology. Astrophysical Journal, 2018, 868, 20.	4.5	23
32	SPIDER: CMB Polarimetry from the Edge of Space. Journal of Low Temperature Physics, 2018, 193, 1112-1121.	1.4	35
33	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 619, A94.	5.1	18
34	280 GHz Focal Plane Unit Design and Characterization for the Spider-2 Suborbital Polarimeter. Journal of Low Temperature Physics, 2018, 193, 1075-1084.	1.4	9
35	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2018, 617, A48.	5.1	22
36	Weakening gravity on redshift-survey scales with kinetic matter mixing. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 014-014.	5.4	41

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37	The Atacama Cosmology Telescope: two-season ACTPol spectra and parameters. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 031-031.	5.4	120
38	<i>Planck </i>intermediate results. <i>Astronomy and Astrophysics</i> , 2017, 599, A51.	5.1	46
39	Marginalized Fisher forecast for Horndeski dark energy models. <i>International Journal of Modern Physics D</i> , 2017, 26, 1750070.	2.1	12
40	A New Limit on CMB Circular Polarization from SPIDER. <i>Astrophysical Journal</i> , 2017, 844, 151.	4.5	40
41	<i>Planck </i>intermediate results. <i>Astronomy and Astrophysics</i> , 2017, 607, A95.	5.1	131
42	<i>Planck</i>intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A141.	5.1	55
43	<i>Planck</i>2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A16.	5.1	338
44	<i>Planck</i>2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A20.	5.1	1,233
45	<i>Planck</i>intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A105.	5.1	47
46	<i>Planck</i>2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A1.	5.1	738
47	<i>Planck</i>intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A108.	5.1	375
48	<i>Planck</i>2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A14.	5.1	568
49	<i>Planck</i>2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A13.	5.1	8,344
50	Observational effects of a running Planck mass. <i>Physical Review D</i> , 2016, 93, .	4.7	19
51	The future of primordial features with large-scale structure surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 014-014.	5.4	59
52	<i>Planck</i>intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A107.	5.1	359
53	<i>Planck</i>2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A17.	5.1	440
54	Revisiting the cosmological bias due to local gravitational redshifts. <i>Physical Review D</i> , 2015, 91, .	4.7	4

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55	Chameleons in the early Universe: Kicks, rebounds, and particle production. Physical Review D, 2014, 89, .	4.7	28
56	Full cosmic microwave background temperature bispectrum from single-field inflation. Physical Review D, 2014, 89, .	4.7	18
57	Catastrophic Consequences of Kicking the Chameleon. Physical Review Letters, 2013, 110, 171101.	7.8	32
58	Cosmic Microwave Background Bispectrum from Recombination. Physical Review Letters, 2013, 110, 101303.	7.8	48
59	Constraining inflation with future galaxy redshift surveys. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 005-005.	5.4	46
60	A cosmology forecast toolkit " CosmoLib. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 012-012.	5.4	15
61	Art of lattice and gravity waves from preheating. Physical Review D, 2011, 83, .	4.7	55
62	PARAMETERIZING AND MEASURING DARK ENERGY TRAJECTORIES FROM LATE INFLATONS. Astrophysical Journal, 2011, 726, 64.	4.5	19
63	Cosmological constraints on decaying dark matter. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 005-005.	5.4	38
64	Preheating after modular inflation. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 021-021.	5.4	39
65	Particle production during inflation: Observational constraints and signatures. Physical Review D, 2009, 80, .	4.7	82
66	Non-Gaussian Curvature Spikes from Chaotic Billiards in Inflation Preheating. Physical Review Letters, 2009, 103, 071301.	7.8	94
67	Cosmological fluctuations from infrared cascading during inflation. Physical Review D, 2009, 80, .	4.7	85