

# Gong-Bo Zhao

## List of Publications by Year in descending order

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163  
papers

19,357  
citations

13865

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165  
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165  
docs citations

165  
times ranked

7955  
citing authors

#	ARTICLE	IF	CITATIONS
1	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological analysis of the DR12 galaxy sample. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2617-2652.	4.4	1,906
2	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. Astronomical Journal, 2013, 145, 10.	4.7	1,571
3	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: baryon acoustic oscillations in the Data Releases 10 and 11 Galaxy samples. Monthly Notices of the Royal Astronomical Society, 2014, 441, 24-62.	4.4	1,168
4	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astrophysical Journal, Supplement Series, 2012, 203, 21.	7.7	1,158
5	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astrophysical Journal, Supplement Series, 2014, 211, 17.	7.7	820
6	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: OVERVIEW AND EARLY DATA. Astronomical Journal, 2016, 151, 44.	4.7	582
7	Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Cosmological implications from two decades of spectroscopic surveys at the Apache Point Observatory. Physical Review D, 2021, 103, .	4.7	527
8	Cosmological implications of baryon acoustic oscillation measurements. Physical Review D, 2015, 92, .	4.7	487
9	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.	6.7	350
10	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measurements of the growth of structure and expansion rate at $z = 0.57$ from anisotropic clustering. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2719-2737.	4.4	336
11	The Sloan Digital Sky Survey Quasar Catalog: Fourteenth data release. Astronomy and Astrophysics, 2018, 613, A51.	5.1	333
12	Dynamical dark energy in light of the latest observations. Nature Astronomy, 2017, 1, 627-632.	10.1	332
13	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: first measurement of baryon acoustic oscillations between redshift 0.8 and 2.2. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4773-4794.	4.4	301
14	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measuring growth rate and geometry with anisotropic clustering. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3504-3519.	4.4	238
15	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: analysis of potential systematics. Monthly Notices of the Royal Astronomical Society, 2012, 424, 564-590.	4.4	223
16	ECOSMOG: an Efficient COde for Simulating MODified Gravity. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 051-051.	5.4	212
17	Searching for modified growth patterns with tomographic surveys. Physical Review D, 2009, 79, .	4.7	204
18	Perturbations of the quintom models of dark energy and the effects on observations. Physical Review D, 2005, 72, .	4.7	197

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19	Testing gravity with CAMB and CosmoMC. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 005-005.	5.4	187
20	The clustering of galaxies in the SDSS-III DR9 Baryon Oscillation Spectroscopic Survey: testing deviations from $\Lambda$ and general relativity using anisotropic clustering of galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1514-1528.	4.4	185
21	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: observational systematics and baryon acoustic oscillations in the correlation function. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1168-1191.	4.4	183
22	$N$ -body simulations for $f$ -body simulations for $f$ $T_j$ ETQq0 0 0 rgBT /Overlock 10 Tf 50 612 Td (stretchy="false") $\int$ /mml:m	4.7	169
23	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the BAO and growth rate of structure of the luminous red galaxy sample from the anisotropic correlation function between redshifts 0.6 and 1. Monthly Notices of the Royal Astronomical Society, 2020, 500, 736-762.	4.4	154
24	Halo and voids in $f(R)$ gravity. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3481-3487.	4.4	145
25	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Cosmological implications of the configuration-space clustering wedges. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1640-1658.	4.4	143
26	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: a tomographic measurement of cosmic structure growth and expansion rate based on optimal redshift weights. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3497-3513.	4.4	142
27	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: BAO and RSD measurements from anisotropic clustering analysis of the quasar sample in configuration space between redshift 0.8 and 2.2. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1201-1221.	4.4	141
28	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: BAO measurement from the LOS-dependent power spectrum of DR12 BOSS galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4210-4219.	4.4	140
29	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the BAO and growth rate of structure of the luminous red galaxy sample from the anisotropic power spectrum between redshifts 0.6 and 1.0. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2492-2531.	4.4	137
30	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: BAO and RSD measurements from the anisotropic power spectrum of the quasar sample between redshift 0.8 and 2.2. Monthly Notices of the Royal Astronomical Society, 2020, 499, 210-229.	4.4	131
31	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: RSD measurement from the LOS-dependent power spectrum of DR12 BOSS galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4188-4209.	4.4	130
32	The SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations at Redshift of 0.72 with the DR14 Luminous Red Galaxy Sample. Astrophysical Journal, 2018, 863, 110.	4.5	125
33	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: tomographic BAO analysis of DR12 combined sample in configuration space. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3762-3774.	4.4	122
34	How to optimally parametrize deviations from general relativity in the evolution of cosmological perturbations. Physical Review D, 2010, 81, .	4.7	119
35	Probing modifications of general relativity using current cosmological observations. Physical Review D, 2010, 81, .	4.7	118
36	The non-linear matter and velocity power spectra in $f(R)$ gravity. Monthly Notices of the Royal Astronomical Society, 2013, 428, 743-755.	4.4	118

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37	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: structure growth rate measurement from the anisotropic quasar power spectrum in the redshift range 0.8&lt;math>\leq z \leq 2.2</math>. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1604-1638.	4.4	118
38	The clustering of galaxies in the SDSS-III DR9 Baryon Oscillation Spectroscopic Survey: constraints on primordial non-Gaussianity. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1116-1127.	4.4	117
39	Interacting dark energy: Constraints and degeneracies. Physical Review D, 2012, 85, .	4.7	110
40	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: measurement of the growth rate of structure from the anisotropic correlation function between redshift 0.8 and 2.2. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1639-1663.	4.4	109
41	Why reducing the cosmic sound horizon alone can not fully resolve the Hubble tension. Communications Physics, 2021, 4, .	5.3	106
42	Redshift-space distortions in $f(R)$ gravity. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2128-2143.	4.4	104
43	Modified gravity $N$ -body code comparison project. Monthly Notices of the Royal Astronomical Society, 2015, 454, 4208-4234.	4.4	104
44	Growth of cosmic structure: Probing dark energy beyond expansion. Astroparticle Physics, 2015, 63, 23-41.	4.3	103
45	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Large-scale structure catalogues for cosmological analysis. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2354-2371.	4.4	100
46	Examining the Evidence for Dynamical Dark Energy. Physical Review Letters, 2012, 109, 171301.	7.8	97
47	COSMOLOGY WITH PHOTOMETRICALLY CLASSIFIED TYPE Ia SUPERNOVAE FROM THE SDSS-II SUPERNOVA SURVEY. Astrophysical Journal, 2013, 763, 88.	4.5	96
48	Probing for dynamics of dark energy and curvature of universe with latest cosmological observations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 648, 8-13.	4.1	93
49	CONSTRAINTS ON THE SOUND SPEED OF DYNAMICAL DARK ENERGY. International Journal of Modern Physics D, 2008, 17, 1229-1243.	2.1	93
50	Observing dark energy dynamics with supernova, microwave background, and galaxy clustering. Physical Review D, 2006, 73, .	4.7	92
51	Cosmological Tests of General Relativity with Future Tomographic Surveys. Physical Review Letters, 2009, 103, 241301.	7.8	91
52	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measuring structure growth using passive galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2339-2344.	4.4	91
53	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the BAO and growth rate of structure of the emission line galaxy sample from the anisotropic power spectrum between redshift 0.6 and 1.1. Monthly Notices of the Royal Astronomical Society, 0, .	4.4	91
54	Exploring Vainshtein mechanism on adaptively refined meshes. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 023-023.	5.4	89

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55	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: single-probe measurements from CMASS anisotropic galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3781-3793.	4.4	88
56	Systematic simulations of modified gravity: symmetron and dilaton models. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 002-002.	5.4	86
57	The extended Baryon Oscillation Spectroscopic Survey: a cosmological forecast. Monthly Notices of the Royal Astronomical Society, 2016, 457, 2377-2390.	4.4	83
58	Redshift-weighted constraints on primordial non-Gaussianity from the clustering of the eBOSS DR14 quasars in Fourier space. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 010-010.	5.4	82
59	Testing Gravity Using the Environmental Dependence of Dark Matter Halos. Physical Review Letters, 2011, 107, 071303.	7.8	80
60	The completed SDSS-IV extended baryon oscillation spectroscopic survey: growth rate of structure measurement from anisotropic clustering analysis in configuration space between redshift 0.6 and 1.1 for the emission-line galaxy sample. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5527-5546.	4.4	80
61	Fables of reconstruction: controlling bias in the dark energy equation of state. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 048-048.	5.4	77
62	The XMM Cluster Survey: testing chameleon gravity using the profiles of clusters. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1171-1183.	4.4	77
63	Simulating the quartic Galileon gravity model on adaptively refined meshes. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 012-012.	5.4	76
64	Modeling halo mass functions in chameleon	4.7	75
65	Evolution of Dark Energy Reconstructed from the Latest Observations. Astrophysical Journal Letters, 2018, 869, L8.	8.3	74
66	Investigating dark energy experiments with principal components. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 025-025.	5.4	71
67	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: weighing the neutrino mass using the galaxy power spectrum of the CMASS sample. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2038-2053.	4.4	68
68	Screening fifth forces in generalized Proca theories. Physical Review D, 2016, 93, .	4.7	68
69	Complementarity of weak lensing and peculiar velocity measurements in testing general relativity. Physical Review D, 2011, 84, .	4.7	67
70	Cosmological tests of general relativity: A principal component analysis. Physical Review D, 2012, 85, .	4.7	66
71	Chameleon	4.7	66
72	Clustering of quasars in SDSS-IV eBOSS: study of potential systematics and bias determination. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 017-017.	5.4	66

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73	COLA with scale-dependent growth: applications to screened modified gravity models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 006-006.	5.4	64
74	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: large-scale structure catalogues and measurement of the isotropic BAO between redshift 0.6 and 1.1 for the Emission Line Galaxy Sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3254-3274.	4.4	62
75	Constraining $f\sigma_8$ using the Ly $\alpha$ forest in the SDSS-III Baryon Oscillation Spectroscopic Survey. <i>Physical Review Letters</i> , 2016, 117, 051101.	4.4	61
76	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: anisotropic clustering analysis in configuration space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2521-2534.	4.4	61
77	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Cosmological implications of the Fourier space wedges of the final sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stw3384.	4.4	58
78	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: 1000 multi-tracer mock catalogues with redshift evolution and systematics for galaxies and quasars of the final data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1149-1173.	4.4	58
79	Systematic simulations of modified gravity: chameleon models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 029-029.	5.4	57
80	The Vainshtein mechanism in the cosmic web. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 058-058.	5.4	56
81	Signatures of the Primordial Universe from Its Emptiness: Measurement of Baryon Acoustic Oscillations from Minima of the Density Field. <i>Physical Review Letters</i> , 2016, 116, 171301.	7.8	56
82	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: tomographic BAO analysis of DR12 combined sample in Fourier space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 762-779.	4.4	54
83	Features in the dark energy equation of state and modulations in the Hubble diagram. <i>Physical Review D</i> , 2006, 74, .	4.7	53
84	Cosmological measurements with forthcoming radio continuum surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 801-819.	4.4	51
85	Cosmic web and environmental dependence of screening: Vainshtein vs. chameleon. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 049-049.	5.4	51
86	PROBING DYNAMICS OF DARK ENERGY WITH SUPERNOVA, GALAXY CLUSTERING AND THE THREE-YEAR WILKINSON MICROWAVE ANISOTROPY PROBE (WMAP) OBSERVATIONS. <i>International Journal of Modern Physics D</i> , 2007, 16, 1229-1242.	2.1	50
87	Astrophysical tests of gravity: a screening map of the nearby universe. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 034-034.	5.4	50
88	The clustering of galaxies in the SDSS-III DR10 Baryon Oscillation Spectroscopic Survey: no detectable colour dependence of distance scale or growth rate measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1109-1126.	4.4	50
89	MODELING THE NONLINEAR CLUSTERING IN MODIFIED GRAVITY MODELS. I. A FITTING FORMULA FOR THE MATTER POWER SPECTRUM OF $f(R)$ GRAVITY. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 23.	7.7	49
90	Using voids to unscreen modified gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3262-3272.	4.4	49

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91	Determining cosmological parameters with the latest observational data. <i>Physical Review D</i> , 2008, 78, .	4.7	46
92	Post-Planck constraints on interacting vacuum energy. <i>Physical Review D</i> , 2014, 90, .	4.7	45
93	A Measurement of the Hubble Constant Using Galaxy Redshift Surveys. <i>Astrophysical Journal</i> , 2017, 849, 84.	4.5	45
94	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: constraining modified gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2122-2131.	4.4	44
95	Testing CPT Symmetry with CMB Measurements: Update after WMAP5. <i>Astrophysical Journal</i> , 2008, 679, L61-L63.	4.5	41
96	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: $N$ -body mock challenge for the quasar sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 269-291.	4.4	41
97	Towards testing the theory of gravity with DESI: summary statistics, model predictions and future simulation requirements. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 050.	5.4	41
98	Speeding up $N$ -body simulations of modified gravity: chameleon screening models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 050-050.	5.4	40
99	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: a tomographic analysis of structure growth and expansion rate from anisotropic galaxy clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3160-3166.	4.4	40
100	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: single-probe measurements from DR12 galaxy clustering “ towards an accurate model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2370-2390.	4.4	39
101	Principal component analysis of modified gravity using weak lensing and peculiar velocity measurements. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 029-029.	5.4	37
102	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: angular clustering tomography and its cosmological implications. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2938-2956.	4.4	37
103	Testing Einstein gravity with cosmic growth and expansion. <i>Physical Review D</i> , 2012, 85, .	4.7	36
104	Consistent modified gravity analysis of anisotropic galaxy clustering using BOSS DR11. <i>Physical Review D</i> , 2015, 92, .	4.7	36
105	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: combining correlated Gaussian posterior distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1493-1501.	4.4	35
106	On Using the WMAP Distance Information in Constraining the Time-evolving Equation of State of Dark Energy. <i>Astrophysical Journal</i> , 2008, 683, L1-L4.	4.5	34
107	Relativistic corrections and non-Gaussianity in radio continuum surveys. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 044-044.	5.4	32
108	Reconstruction of the dark matter “vacuum energy interaction. <i>Physical Review D</i> , 2015, 92, .	4.7	32

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109	Clustering of quasars in the first year of the SDSS-IV eBOSS survey: interpretation and halo occupation distribution. Monthly Notices of the Royal Astronomical Society, 2017, 468, 728-740.	4.4	32
110	Emulators for the nonlinear matter power spectrum beyond $\Lambda$ CDM. Physical Review D, 2019, 100, .	4.7	32
111	Recombination-independent Determination of the Sound Horizon and the Hubble Constant from BAO. Astrophysical Journal Letters, 2020, 904, L17.	8.3	31
112	Probing dark energy dynamics from current and future cosmological observations. Physical Review D, 2010, 81, .	4.7	29
113	The clustering of the SDSS-IV extended baryon oscillation spectroscopic survey DR16 luminous red galaxy and emission-line galaxy samples: cosmic distance and structure growth measurements using multiple tracers in configuration space. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3470-3483.	4.4	29
114	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: measuring the anisotropic baryon acoustic oscillations with redshift weights. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1096-1105.	4.4	27
115	Acausality in nonlocal gravity theory. Journal of High Energy Physics, 2016, 2016, 1.	4.7	26
116	Theoretical accuracy in cosmological growth estimation. Physical Review D, 2017, 96, .	4.7	26
117	Cosmological Constraints from the Redshift Dependence of the Alcock-Paczynski Effect: Dynamical Dark Energy. Astrophysical Journal, 2018, 856, 88.	4.5	26
118	Dark energy imprints on the kinematic Sunyaev-Zel'dovich signal. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 402-411.	4.1	25
119	The SDSS-III Baryonic Oscillation Spectroscopic Survey: constraints on the integrated Sachs-Wolfe effect. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1724-1740.	4.4	25
120	Simulation tests of galaxy cluster constraints on chameleon gravity. Monthly Notices of the Royal Astronomical Society, 2016, 462, 715-725.	4.4	25
121	Reconstructing the Universe: Testing the Mutual Consistency of the Pantheon and SDSS/eBOSS BAO Data Sets with Gaussian Processes. Astronomical Journal, 2021, 161, 151.	4.7	24
122	Primordial non-Gaussianity from the completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey $\ell$ : Catalogue preparation and systematic mitigation. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3439-3454.	4.4	24
123	MODIFIED GRAVITY SPINS UP GALACTIC HALOS. Astrophysical Journal, 2013, 763, 28.	4.5	23
124	PROBING FOR THE COSMOLOGICAL PARAMETERS WITH PLANCK MEASUREMENT. International Journal of Modern Physics D, 2008, 17, 2025-2048.	2.1	22
125	Optimal redshift weighting for redshift-space distortions. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2698-2707.	4.4	22
126	Constraining the Dark Matter Vacuum Energy Interaction Using the EDGES 21 cm Absorption Signal. Astrophysical Journal, 2018, 869, 26.	4.5	22



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127	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: measuring the evolution of the growth rate using redshift-space distortions between redshift 0.8 and 2.2. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3878-3887.	4.4	22
128	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: N-body mock challenge for the eBOSS emission line galaxy sample. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4667-4686.	4.4	22
129	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: cosmological implications from multitracer BAO analysis with galaxies and voids. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5492-5524.	4.4	22
130	Probing inflation and dark energy with current cosmological observations. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 015-015.	5.4	21
131	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: a multitracer analysis in Fourier space for measuring the cosmic structure growth and expansion rate. Monthly Notices of the Royal Astronomical Society, 2021, 504, 33-52.	4.4	20
132	High-resolution temporal constraints on the dynamics of dark energy. Physical Review D, 2008, 77, .	4.7	19
133	An analytic ray-tracing algorithm for weak lensing. Monthly Notices of the Royal Astronomical Society, 2011, 415, 881-892.	4.4	19
134	MASSâ€“CONCENTRATION RELATION OF CLUSTERS OF GALAXIES FROM CFHTLenS. Astrophysical Journal, 2015, 814, 120.	4.5	19
135	New Probe of Departures from General Relativity Using Minkowski Functionals. Physical Review Letters, 2017, 118, 181301.	7.8	19
136	Investigating the degeneracy between modified gravity and massive neutrinos with redshift-space distortions. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 040-040.	5.4	19
137	Probing dynamics of dark energy with latest observations. Research in Astronomy and Astrophysics, 2017, 17, 050.	1.7	19
138	The Completed SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: <i>N</i> -body Mock Challenge for Galaxy Clustering Measurements. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	19
139	Revealing modified gravity signals in matter and halo hierarchical clustering. Physical Review D, 2017, 96, .	4.7	18
140	Observable physical modes of modified gravity. Physical Review D, 2014, 89, .	4.7	17
141	Searching for scalar gravitational interactions in current and future cosmological data. Physical Review D, 2016, 93, .	4.7	17
142	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: towards a computationally efficient analysis without informative priors. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4116-4133.	4.4	16
143	Detecting features in the dark energy equation of state: a wavelet approach. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 007-007.	5.4	15
144	An efficient probe of the cosmological CPT violation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 032-032.	5.4	15

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145	Probing for variation of neutrino mass with current observations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 010-010.	5.4	13
146	Cosmological neutrino mass limit and the dynamics of dark energy. <i>Physical Review D</i> , 2007, 75, .	4.7	13
147	Redshift weights for baryon acoustic oscillations: application to mock galaxy catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 2867-2878.	4.4	13
148	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: anisotropic Baryon Acoustic Oscillations measurements in Fourier-space with optimal redshift weights. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1528-1535.	4.4	13
149	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: a tomographic measurement of structure growth and expansion rate from anisotropic galaxy clustering in Fourier space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 442-450.	4.4	13
150	Probing Dark Energy with the Kunlun Dark Universe Survey Telescope. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 725-734.	3.1	11
151	An Accurate Analytic Mass Model for Lensing Galaxies. <i>Astrophysical Journal</i> , 2020, 892, 62.	4.5	11
152	A brief review on cosmological analysis of galaxy surveys with multiple tracers. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 158.	1.7	11
153	Weighing neutrinos in the presence of a running primordial spectral index. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 011-011.	5.4	10
154	Probing theories of gravity with phase space-inferred potentials of galaxy clusters. <i>Physical Review D</i> , 2016, 93, .	4.7	10
155	Cosmic Mach Number: a sensitive probe for the growth of structure. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 026-026.	5.4	7
156	Large-scale structure probes of modified gravity. <i>International Journal of Modern Physics D</i> , 2018, 27, 1848005.	2.1	7
157	Cosmological Tests of Gravity with the Latest Observations. <i>Astrophysical Journal</i> , 2019, 871, 196.	4.5	7
158	Generalized Brans-Dicke theories in light of evolving dark energy. <i>Physical Review D</i> , 2020, 101, .	4.7	7
159	The extended Baryon Oscillation Spectroscopic Survey: testing a new approach to measure the evolution of the structure growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4100-4112.	4.4	6
160	Galaxy Power Spectrum and Biasing Results from the LOFAR Two-meter Sky Survey (First Data Release). <i>Astrophysical Journal</i> , 2022, 928, 38.	4.5	6
161	Probing the Time Variation of the Effective Newton's Constant with Optimal Redshift Weights. <i>Astrophysical Journal</i> , 2019, 877, 32.	4.5	3
162	Reconstructing the temporal evolution of the speed of light in a flat FRW Universe. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 152.	1.7	3

#	ARTICLE	IF	CITATIONS
163	A new consistency test for LCDM cosmology using galaxy surveys. Research in Astronomy and Astrophysics, 0, , .	1.7	0