Licia Verde

List of Publications by Year
in descending order

234	57,461	9756	1310
papers	citations	73 h-index	224 g-index

239	239	239	23728
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Firstâ€Year Wilkinson Microwave Anisotropy Probe (WMAP) Observations: Determination of Cosmological Parameters. Astrophysical Journal, Supplement Series, 2003, 148, 175-194.	3.0	8,793
2	Review of Particle Physics. Physical Review D, 2018, 98, .	1.6	5,390
3	Threeâ€Year Wilkinson Microwave Anisotropy Probe (WMAP) Observations: Implications for Cosmology. Astrophysical Journal, Supplement Series, 2007, 170, 377-408.	3.0	5,244
4	Firstâ€Year Wilkinson Microwave Anisotropy Probe (WMAP) Observations: Preliminary Maps and Basic Results. Astrophysical Journal, Supplement Series, 2003, 148, 1-27.	3.0	3,843
5	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.	1.6	1,906
6	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	3.0	1,877
7	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. Astronomical Journal, 2011, 142, 72.	1.9	1,700
8	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. Astronomical Journal, 2013, 145, 10.	1.9	1,571
9	The Threeâ€Dimensional Power Spectrum of Galaxies from the Sloan Digital Sky Survey. Astrophysical Journal, 2004, 606, 702-740.	1.6	1,426
10	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.	1.6	1,168
11	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2011, 193, 29.	3.0	1,166
12	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.	3.0	1,158
13	Firstâ€Year Wilkinson Microwave Anisotropy Probe (WMAP) Observations: Implications For Inflation. Astrophysical Journal, Supplement Series, 2003, 148, 213-231.	3.0	962
14	Constraints on the redshift dependence of the dark energy potential. Physical Review D, 2005, 71, .	1.6	922
15	Cosmic chronometers: constraining the equation of state of dark energy. I: H(z) measurements. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 008-008.	1.9	823
16	Threeâ€Year Wilkinson Microwave Anisotropy Probe (WMAP) Observations: Temperature Analysis. Astrophysical Journal, Supplement Series, 2007, 170, 288-334.	3.0	778
17	Tensions between the early and late Universe. Nature Astronomy, 2019, 3, 891-895.	4.2	738
18	Threeâ€Year Wilkinson Microwave Anisotropy Probe (WMAP) Observations: Polarization Analysis. Astrophysical Journal, Supplement Series, 2007, 170, 335-376.	3.0	737

#	Article	IF	Citations
19	Firstâ€Year Wilkinson Microwave Anisotropy Probe (WMAP) Observations: The Angular Power Spectrum. Astrophysical Journal, Supplement Series, 2003, 148, 135-159.	3.0	727
20	Cosmology and Fundamental Physics with the Euclid Satellite. Living Reviews in Relativity, 2013, 16, 6.	8.2	683
21	A 6% measurement of the Hubble parameter at zâ‰ˆ0.45: direct evidence of the epoch of cosmic re-acceleration. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 014-014.	1.9	646
22	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	8.2	602
23	Improved constraints on the expansion rate of the Universe up to z â‰ˆ 1.1 from the spectroscopic evolution of cosmic chronometers. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 006-006.	1.9	581
24	Firstâ€Year Wilkinson Microwave Anisotropy Probe (WMAP) Observations: Tests of Gaussianity. Astrophysical Journal, Supplement Series, 2003, 148, 119-134.	3.0	534
25	The trouble with H₀. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 019-019.	1.9	513
26	The 2dF Galaxy Redshift Survey: the bias of galaxies and the density of the Universe. Monthly Notices of the Royal Astronomical Society, 2002, 335, 432-440.	1.6	504
27	Firstâ€Year Wilkinson Microwave Anisotropy Probe (WMAP) Observations: Parameter Estimation Methodology. Astrophysical Journal, Supplement Series, 2003, 148, 195-211.	3.0	466
28	Constraints on the Equation of State of Dark Energy and the Hubble Constant from Stellar Ages and the Cosmic Microwave Background. Astrophysical Journal, 2003, 593, 622-629.	1.6	380
29	Beyond<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si33.gif" display="inline" overflow="scroll"><mml:mi>Î›</mml:mi><mml:mstyle mathvariant="normal"><mml:mi>CDM</mml:mi></mml:mstyle></mml:math>: Problems, solutions, and the road ahead. Physics of the Dark Universe, 2016, 12, 56-99.	1.8	361
30	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
31	The Effect of Primordial Non-Gaussianity on Halo Bias. Astrophysical Journal, 2008, 677, L77-L80.	1.6	349
32	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measurements of the growth of structure and expansion rate atz= 0.57 from anisotropic clustering. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2719-2737.	1.6	336
33	Large-scale structure, the cosmic microwave background and primordial non-Gaussianity. Monthly Notices of the Royal Astronomical Society, 2000, 313, 141-147.	1.6	316
34	Probing Inflation with CMB Polarization. , 2009, , .		252
35	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: RSD measurement from the power spectrum and bispectrum of the DR12 BOSS galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1757-1788.	1.6	246
36	The Abundance of Highâ€Redshift Objects as a Probe of Nonâ€Gaussian Initial Conditions. Astrophysical Journal, 2000, 541, 10-24.	1.6	234

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37	Effects of scale-dependent non-Gaussianity on cosmological structures. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 014.	1.9	231
38	Snowmass2021 - Letter of interest cosmology intertwined II: The hubble constant tension. Astroparticle Physics, 2021, 131, 102605.	1.9	228
39	Cosmological constraints from the clustering of the Sloan Digital Sky Survey DR7 luminous red galaxies. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	221
40	New constraints on cosmological parameters and neutrino properties using the expansion rate of the Universe tozâˆ¼ 1.75. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 053-053.	1.9	203
41	Cosmology intertwined III: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.svg"><mml:mrow><mml:mi>f</mml:mi><mml:msub><mml:mi>Ïƒ</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mr and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.svg"><mml:msub><mml:mi>S</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:math>. Astroparticle Physics, 2021, 131, 102604.	1.9	182
42	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measuring DA and H at zÂ=Â0.57 from the baryon acoustic peak in the Data Release 9 spectroscopic Galaxy sample. Monthly Notices of the Royal Astronomical Society, 2014, 439, 83-101.	1.6	169
43	The power spectrum and bispectrum of SDSS DR11 BOSS galaxies â€“ I. Bias and gravity. Monthly Notices of the Royal Astronomical Society, 2015, 451, 539-580.	1.6	164
44	The Quijote Simulations. Astrophysical Journal, Supplement Series, 2020, 250, 2.	3.0	149
45	Large-scale bias in the Universe: bispectrum method. Monthly Notices of the Royal Astronomical Society, 1997, 290, 651-662.	1.6	148
46	PRISM (Polarized Radiation Imaging and Spectroscopy Mission): an extended white paper. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 006-006.	1.9	138
47	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: baryon acoustic oscillations in the correlation function of LOWZ and CMASS galaxies in Data Release 12. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1770-1785.	1.6	138
48	Dark Matter Spikes and Annihilation Radiation from the Galactic Center. Physical Review Letters, 2002, 88, 191301.	2.9	133
49	On model selection forecasting, dark energy and modified gravity. Monthly Notices of the Royal Astronomical Society, 0, 380, 1029-1035.	1.6	128
50	Large-scale non-Gaussian mass function and halo bias: tests onN-body simulations. Monthly Notices of the Royal Astronomical Society, 2009, 398, 321-332.	1.6	125
51	Robust neutrino constraints by combining low redshift observations with the CMB. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 003-003.	1.9	125
52	Non-Gaussian Halo Bias and Future Galaxy Surveys. Astrophysical Journal, 2008, 684, L1-L4.	1.6	117
53	THE ATACAMA COSMOLOGY TELESCOPE: A MEASUREMENT OF THE 600 < â„“ < 8000 COSMIC MICROWAVE BACKGROUND POWER SPECTRUM AT 148 GHz. Astrophysical Journal, 2010, 722, 1148-1161.	1.6	107
54	Constraints on cosmic opacity and beyond the standard model physics from cosmological distance measurements. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 024-024.	1.9	101

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55	Constraining primordial non-Gaussianity with bispectrum and power spectrum from upcoming optical and radio surveys. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1341-1376.	1.6	100
56	Neutrino mass limits: Robust information from the power spectrum of galaxy surveys. Physics of the Dark Universe, 2016, 13, 77-86.	1.8	99
57	Exploring cosmic origins with CORE: Survey requirements and mission design. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 014-014.	1.9	98
58	DETECTABILITY OF THE EFFECT OF INFLATIONARY NON-GAUSSIANITY ON HALO BIAS. Astrophysical Journal, 2009, 706, L91-L95.	1.6	97
59	Planck and the local Universe: Quantifying the tension. Physics of the Dark Universe, 2013, 2, 166-175.	1.8	97
60	Considerations in optimizing CMB polarization experiments to constrain inflationary physics. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 019-019.	1.9	94
61	Observational signatures of Jordanâ€“Bransâ€“Dicke theories of gravity. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 001-001.	1.9	91
62	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.	1.6	91
63	Coupled dark matter-dark energy in light of near universe observations. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 029-029.	1.9	89
64	Tests for primordial non-Gaussianity. Monthly Notices of the Royal Astronomical Society, 2001, 325, 412-418.	1.6	88
65	COSMIC CHRONOMETERS: CONSTRAINING THE EQUATION OF STATE OF DARK ENERGY. II. A SPECTROSCOPIC CATALOG OF RED GALAXIES IN GALAXY CLUSTERS. Astrophysical Journal, Supplement Series, 2010, 188, 280-289.	3.0	84
66	Can we measure the neutrino mass hierarchy in the sky?. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 035-035.	1.9	84
67	Minimally parametric power spectrum reconstruction from the Lyman Î± forest. Monthly Notices of the Royal Astronomical Society, 2011, 413, 1717-1728.	1.6	82
68	An improved fitting formula for the dark matter bispectrum. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 047-047.	1.9	81
69	Evolution of the density profiles of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 0, 357, 82-96.	1.6	80
70	THE ATACAMA COSMOLOGY TELESCOPE (ACT): BEAM PROFILES AND FIRST SZ CLUSTER MAPS. Astrophysical Journal, Supplement Series, 2010, 191, 423-438.	3.0	79
71	Fourier analysis of luminosity-dependent galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2004, 347, 645-653.	1.6	78
72	Primordial black holes as dark matter: converting constraints from monochromatic to extended mass distributions. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 004-004.	1.9	78

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73	ACOUSTIC SCALE FROM THE ANGULAR POWER SPECTRA OF SDSS-III DR8 PHOTOMETRIC LUMINOUS GALAXIES. Astrophysical Journal, 2012, 761, 13.	1.6	77
74	Dark halo properties from rotation curves. Monthly Notices of the Royal Astronomical Society, 2003, 339, 243-259.	1.6	75
75	Finding evidence for massive neutrinos using 3D weak lensing. Physical Review D, 2008, 77, .	1.6	75
76	Constraints on deviations from Î›CDM within Horndeski gravity. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 053-053.	1.9	74
77	Neutrino constraints from future nearly all-sky spectroscopic galaxy surveys. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 030-030.	1.9	73
78	Standard Rulers, Candles, and Clocks from the Low-Redshift Universe. Physical Review Letters, 2014, 113, 241302.	2.9	73
79	Calibrating the cosmic distance scale ladder: the role of the sound-horizon scale and the local expansion rate as distance anchors. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3463-3471.	1.6	73
80	Consistency among distance measurements: transparency, BAO scale and accelerated expansion. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 012-012.	1.9	71
81	From primordial black holes abundance to primordial curvature power spectrum (and back). Journal of Cosmology and Astroparticle Physics, 2019, 2019, 031-031.	1.9	70
82	Setting the Stage for Cosmic Chronometers. II. Impact of Stellar Population Synthesis Models Systematics and Full Covariance Matrix. Astrophysical Journal, 2020, 898, 82.	1.6	66
83	N-body simulations with generic non-Gaussian initial conditions I: power spectrum and halo mass function. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 022-022.	1.9	65
84	The limits of cosmic shear. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2737-2749.	1.6	64
85	No New Cosmological Concordance with Massive Sterile Neutrinos. Physical Review Letters, 2014, 113, 041301.	2.9	63
86	The void abundance with non-gaussian primordial perturbations. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 010-010.	1.9	62
87	Constraints on primordial non-Gaussianity from large scale structure probes. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 033-033.	1.9	62
88	The abundance of dark galaxies. Monthly Notices of the Royal Astronomical Society, 2002, 336, 541-549.	1.6	61
89	PRIMORDIAL NON-GAUSSIANITY AND THE NRAO VLA SKY SURVEY. Astrophysical Journal Letters, 2010, 717, L17-L21.	3.0	59
90	The future of primordial features with large-scale structure surveys. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 014-014.	1.9	59

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91	The power spectrum and bispectrum of SDSS DR11 BOSS galaxies â€“ II. Cosmological interpretation. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1914-1921.	1.6	58
92	On minimally parametric primordial power spectrum reconstruction and the evidence for a red tilt. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 009.	1.9	55
93	N-body simulations with generic non-Gaussian initial conditions II: halo bias. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 002-002.	1.9	55
94	Inferring the age of the universe with globular clusters. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 002-002.	1.9	55
95	Limits on deviations from the inverse-square law on megaparsec scales. Physical Review D, 2005, 71, .	1.6	54
96	The shape of the primordial power spectrum: A last stand before Planck data. Physical Review D, 2010, 81, .	1.6	54
97	Thinking outside the box: effects of modes larger than the survey on matter power spectrum covariance. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 019-019.	1.9	54
98	Dark energy and cosmic microwave background bispectrum. Physical Review D, 2002, 65, .	1.6	53
99	Constraining primordial non-Gaussianity with high-redshift probes. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 013-013.	1.9	53
100	Strong Bayesian evidence for the normal neutrino hierarchy. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 029-029.	1.9	53
101	Setting the Stage for Cosmic Chronometers. I. Assessing the Impact of Young Stellar Populations on Hubble Parameter Measurements. Astrophysical Journal, 2018, 868, 84.	1.6	53
102	GWÃ—LSS: chasing the progenitors of merging binary black holes. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 039-039.	1.9	52
103	Prospects for polarized foreground removal. , 2009, , .		50
104	Statistical Methods in Cosmology. Lecture Notes in Physics, 2010, , 147-177.	0.3	50
105	Prospects for constraining the shape of non-Gaussianity with the scale-dependent bias. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 019-019.	1.9	49
106	Bayesian emulator optimisation for cosmology: application to the Lyman-alpha forest. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 031-031.	1.9	49
107	Baryonic conversion tree: the global assembly of stars and dark matter in galaxies from the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2005, 356, 495-501.	1.6	48
108	The local and distant Universe: stellar ages and H₀. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 043-043.	1.9	48

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109	Correlation Properties of the Kinematic Sunyaevâ€Zelâ€™dovich Effect and Implications for Dark Energy. Astrophysical Journal, 2006, 643, 598-615.	1.6	47
110	Constraining the time evolution of dark energy, curvature and neutrino properties with cosmic chronometers. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 039-039.	1.9	47
111	Constraining inflation with future galaxy redshift surveys. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 005-005.	1.9	46
112	The expansion rate of the intermediate universe in light of Planck. Physics of the Dark Universe, 2014, 5-6, 307-314.	1.8	46
113	Cosmological parameters degeneracies and non-Gaussian halo bias. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 020-020.	1.9	45
114	The length of the low-redshift standard ruler. Monthly Notices of the Royal Astronomical Society, 0, , stx116.	1.6	45
115	Signatures of Horndeski gravity on the dark matter bispectrum. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 057-057.	1.9	44
116	An emulator for the Lyman-Î± forest. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 050-050.	1.9	44
117	Implications of multiple high-redshift galaxy clusters. Physical Review D, 2011, 83, .	1.6	43
118	EFFECTS OF THE NEUTRINO MASS SPLITTING ON THE NONLINEAR MATTER POWER SPECTRUM. Astrophysical Journal Letters, 2012, 752, L31.	3.0	43
119	Dark matter and halo bispectrum in redshift space: theory and applications. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 029-029.	1.9	43
120	Trouble beyond <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>H</mml:mi><mml:mn>0</mml:mn></mml:msub></mml:math> and the new cosmic triangles. Physical Review D, 2021, 103, .	1.6	43
121	Implications for primordial non-Gaussianity (<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 277 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>z</mml:mi></mml:math>galaxy clusters. Physical Review D, 2009, 80, .	1.6	42
122	Large-scale bias in the Universe - II. Redshift-space bispectrum. Monthly Notices of the Royal Astronomical Society, 1998, 300, 747-756.	1.6	42
123	Non-Gaussianity and the CMB bispectrum: Confusion between primordial and lensing-Rees-Sciama contribution?. Physical Review D, 2009, 80, .	1.6	41
124	On the Trispectrum as a Gaussian Test for Cosmology. Astrophysical Journal, 2001, 553, 14-24.	1.6	41
125	On galaxy cluster sizes and temperatures. Monthly Notices of the Royal Astronomical Society, 2001, 321, L7-L13.	1.6	40
126	The bispectrum off(R) cosmologies. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 019-019.	1.9	40

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127	Detecting Neutrino Mass by Combining Matter Clustering, Halos, and Voids. Astrophysical Journal, 2021, 919, 24.	1.6	40
128	Non-Gaussian halo assembly bias. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 013-013.	1.9	39
129	Bayesian analysis of inflation. III. Slow roll reconstruction using model selection. Physical Review D, 2012, 86, .	1.6	39
130	Snowmass2021 - Letter of interest cosmology intertwined IV: The age of the universe and its curvature. Astroparticle Physics, 2021, 131, 102607.	1.9	39
131	Smoothing spline primordial power spectrum reconstruction. Physical Review D, 2005, 72, .	1.6	37
132	Non-Gaussianity from Large-Scale Structure Surveys. Advances in Astronomy, 2010, 2010, 1-15.	0.5	37
133	Perturbation theory approach for the power spectrum: from dark matter in real space to massive haloes in redshift space. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 029-029.	1.9	37
134	(Lack of) Cosmological evidence for dark radiation after Planck. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 013-013.	1.9	37
135	Biases from neutrino bias: to worry or not to worry?. Monthly Notices of the Royal Astronomical Society, 2019, 483, 734-743.	1.6	37
136	Snowmass2021 - Letter of interest cosmology intertwined I: Perspectives for the next decade. Astroparticle Physics, 2021, 131, 102606.	1.9	37
137	Results from the Wilkinson Microwave Anisotropy Probe. Progress of Theoretical and Experimental Physics, 2014, 2014, 6B102-0.	1.8	35
138	Discrepancies between CFHTLenS cosmic shear andPlanck: new physics or systematic effects?. Monthly Notices of the Royal Astronomical Society, 2016, 459, 971-981.	1.6	34
139	Hiding neutrino mass in modified gravity cosmologies. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 043-043.	1.9	34
140	SOUTHERN COSMOLOGY SURVEY. II. MASSIVE OPTICALLY SELECTED CLUSTERS FROM 70 SQUARE DEGREES OF THE SUNYAEVâ€“ZEL'DOVICH EFFECT COMMON SURVEY AREA. Astrophysical Journal, Supplement Series, 2010, 191, 340-351.	3.0	33
141	Signatures of primordial black holes as seeds of supermassive black holes. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 017-017.	1.9	33
142	Early cosmology constrained. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 023-023.	1.9	32
143	Fast cosmological parameter estimation from microwave background temperature and polarization power spectra. Physical Review D, 2004, 70, .	1.6	31
144	Joint analysis of anisotropic power spectrum, bispectrum and trispectrum: application to N-body simulations. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 008.	1.9	31

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145	Are Clusters Standard Candles? Galaxy Cluster Scaling Relations with the Sunyaevâ€Zeldovich Effect. Astrophysical Journal, 2002, 581, 5-19.	1.6	30
146	Reducing sample variance: halo biasing, non-linearity and stochasticity. Monthly Notices of the Royal Astronomical Society, 2010, 407, 772-790.	1.6	30
147	Cosmological implications of primordial black holes. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 052-052.	1.9	30
148	ShapeFit: extracting the power spectrum shape information in galaxy surveys beyond BAO and RSD. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 054.	1.9	30
149	Projected bispectrum in spherical harmonics and its application to angular galaxy catalogues. Monthly Notices of the Royal Astronomical Society, 2000, 318, 584-598.	1.6	28
150	SIGNATURES OF PHOTON-AXION CONVERSION IN THE THERMAL SPECTRA AND POLARIZATION OF NEUTRON STARS. Astrophysical Journal, 2012, 748, 116.	1.6	28
151	Robustness of cosmic neutrino background detection in the cosmic microwave background. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 036-036.	1.9	28
152	Relativistic wide-angle galaxy bispectrum on the light cone. Physical Review D, 2018, 97, .	1.6	28
153	Matter trispectrum: theoretical modelling and comparison to N-body simulations. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 015-015.	1.9	28
154	The Thermal Sunyaev-Zel'dovich Signature of Baryons in the Local Universe. Astrophysical Journal, 2006, 652, L1-L4.	1.6	27
155	A relativistic signature in large-scale structure. Physics of the Dark Universe, 2016, 13, 30-34.	1.8	26
156	The cosmic neutrino background and the age of the Universe. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 020.	1.9	25
157	SOUTHERN COSMOLOGY SURVEY. I. OPTICAL CLUSTER DETECTIONS AND PREDICTIONS FOR THE SOUTHERN COMMON-AREA MILLIMETER-WAVE EXPERIMENTS. Astrophysical Journal, 2009, 698, 1221-1231.	1.6	24
158	The age of the Universe with globular clusters: reducing systematic uncertainties. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 017.	1.9	24
159	Parameter splitting in dark energy: is dark energy the same in the background and in the cosmic structures?. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 059-059.	1.9	23
160	Isocurvature modes and Baryon Acoustic Oscillations. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 009-009.	1.9	22
161	Beware of commonly used approximations. Part I. Errors in forecasts. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 016-016.	1.9	22
162	A map-based method for eliminating systematic modes from galaxy clustering power spectra with application to BOSS. Monthly Notices of the Royal Astronomical Society, 2019, 482, 453-470.	1.6	21

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163	What can we learn by combining the skew spectrum and the power spectrum?. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 007-007.	1.9	21
164	Beware of commonly used approximations. Part II. Estimating systematic biases in the best-fit parameters. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 017-017.	1.9	21
165	A critical analysis of high-redshift, massive, galaxy clusters. Part I. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 009-009.	1.9	20
166	Isocurvature modes and Baryon Acoustic Oscillations II: gains from combining CMB and Large Scale Structure. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 028-028.	1.9	19
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