

# CITATION REPORT

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## Large-scale bias and the peak background split

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#	Paper	IF	Citations
2081	Measuring and modelling the redshift evolution of clustering: the Hubble Deep Field North. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>1999</b> , 310, 540-556	4.3	580
2080	Semi-analytic modelling of galaxy formation: the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>1999</b> , 310, 1087-1110	4.3	795
2079	Comparison of Analytical Mass Functions with Numerical Simulations. <i>Astrophysical Journal</i> , <b>1999</b> , 517, L5-L8	4.7	57
2078	Deriving the Nonlinear Cosmological Power Spectrum and Bispectrum from Analytic Dark Matter Halo Profiles and Mass Functions. <i>Astrophysical Journal</i> , <b>2000</b> , 543, 503-513	4.7	270
2077	Measuring the Nonlinear Biasing Function from a Galaxy Redshift Survey. <i>Astrophysical Journal</i> , <b>2000</b> , 540, 62-73	4.7	36
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2074	The correlation function of X-ray galaxy clusters in the ROSAT All-Sky Survey 1 Bright Sample. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2000</b> , 314, 647-656	4.3	16
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1099	Modelling large-scale halo bias using the bispectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 420, 3469-3489	4-3	33
1098	Halo bias in the excursion set approach with correlated steps. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 419, 132-137	4-3	17
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1088	Constraining primordial non-Gaussianity with future galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 422, 2854-2877	4-3	114
1087	Cosmological measurements with forthcoming radio continuum surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 424, 801-819	4-3	42
1086	Structure formation in cosmologies with oscillating dark energy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 422, 1186-1202	4-3	34
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1084	Clustering of submillimetre galaxies in a self-regulated baryon collapse model. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 422, 1324-1331	4-3	45
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1076	The effects of baryons on the halo mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 423, 2279-2287	4-3	77
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1060	Observational probes of cosmic acceleration. <b>2013</b> , 530, 87-255		757
1059	Structure formation in inhomogeneous Early Dark Energy models. <b>2013</b> , 2013, 044-044		58
1058	Finding core-collapse supernovae from the epoch of reionization behind cluster lenses. <b>2013</b> , 435, L33-L37		8
1057	Constraining thermal dust emission in distant galaxies with number counts and angular power spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 436, 1896-1917	4-3	19

1056	Order statistics applied to the most massive and most distant galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 432, 914-930	4.3	8
1055	Spherical collapse in Galileon gravity: fifth force solutions, halo mass function and halo bias. <b>2013</b> , 2013, 056-056		68
1054	Gravitational lensing effects on submillimetre galaxy counts. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 430, 1423-1432	4.3	6
1053	Constraining neutrino properties with a Euclid-like galaxy cluster survey. <b>2013</b> , 2013, 020-020		17
1052	On squeezed limits in single-field inflation. Part I. <b>2013</b> , 2013, 032-032		61
1051	Constraints on dark matter annihilation from CMB observations before Planck. <b>2013</b> , 2013, 046-046		54
1050	Non-Gaussian bias: insights from discrete density peaks. <b>2013</b> , 2013, 006-006		14
1049	On estimating cosmology-dependent covariance matrices. <b>2013</b> , 2013, 009-009		21
1048	Impacts of satellite galaxies on the redshift-space distortions. <b>2013</b> , 2013, 019-019		19
1047	The nature of dark matter from the global high-redshift H i 21 cm signal. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 429, 1705-1716	4.3	48
1046	An extended Zel'dovich model for the halo mass function. <b>2013</b> , 2013, 019-019		9
1045	The virialization density of peaks with general density profiles under spherical collapse. <b>2013</b> , 2013, 019-019		5
1044	Where are the Luminous Red Galaxies (LRGs)? Using correlation measurements and lensing to relate LRGs to dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 435, 2345-2370		46
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1042	Bias-limited extraction of cosmological parameters. <b>2013</b> , 2013, 009-009		3
1041	Non-linear evolution of the cosmic neutrino background. <b>2013</b> , 2013, 019-019		56
1040	Large scale anisotropic bias from primordial non-Gaussianity. <b>2013</b> , 2013, 048-048		24
1039	Stochastic bias of colour-selected BAO tracers by joint clustering and weak lensing analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 433, 1146-1160	4.3	25

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1037	Combining clustering and abundances of galaxy clusters to test cosmology and primordial non-Gaussianity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 434, 684-695	4-3	40
1036	The contribution of high-redshift galaxies to the near-infrared background. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 431, 383-393	4-3	42
1035	Cosmological shock waves: clues to the formation history of haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 428, 1643-1655	4-3	20
1034	The most luminous quasars do not live in the most massive dark matter haloes at any redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 436, 315-326	4-3	67
1033	Focusing on warm dark matter with lensed high-redshift galaxies. <b>2013</b> , 435, L53-L57		51
1032	How does radiative feedback from an ultraviolet background impact reionization?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 432, 3340-3348	4-3	63
1031	Anomalous diffusion models for the formation of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 436, 163-178	4-3	25
1030	Perturbation theory for the non-linear halo power spectrum: the renormalized bias and halo bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 433, 209-220	4-3	15
1029	Mass function and assembly of dark haloes: an approach to inventory isolated overdense regions in random fields. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 432, 2420-2432	4-3	2
1028	Accretion-driven evolution of black holes: Eddington ratios, duty cycles and active galaxy fractions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 428, 421-446	4-3	120
1027	Towards an accurate mass function for precision cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 431, 1866-1882	4-3	40
1026	Studying the emergence of the red sequence through galaxy clustering: host halo masses at $z > 2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 431, 3045-3059	4-3	83
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914	The integrated Sachs-Wolfe effect and the Rees-Sciama effect. <b>2014</b> , 2014, 6B110-0		27
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912	Halo modelling in chameleon theories. <b>2014</b> , 2014, 021-021		51
911	Constraining the initial conditions of the Universe using large scale structure. <b>2014</b> , 2014, 038-038		25
910	Dark energy properties from large future galaxy surveys. <b>2014</b> , 2014, 021-021		43
909	The influence of primordial magnetic fields on the spherical collapse model in cosmology. <b>2014</b> , 2014, 017-017		4
908	Constraining the mass-concentration relation through weak lensing peak function. <b>2014</b> , 2014, 063-063		3
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869	Remapping dark matter halo catalogues between cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 440, 1233-1247	4-3	22
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865	MASK EFFECTS ON COSMOLOGICAL STUDIES WITH WEAK-LENSING PEAK STATISTICS. <i>Astrophysical Journal</i> , <b>2014</b> , 784, 31	4-7	21
864	Star formation in high redshift galaxies including supernova feedback: Effect on stellar mass and luminosity functions. <b>2014</b> , 30, 89-99		8
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817	EVIDENCE OF CROSS-CORRELATION BETWEEN THE CMB LENSING AND THE BRAY SKY. <b>2015</b> , 802, L1		38
816	INTERPRETING THE GLOBAL 21-cm SIGNAL FROM HIGH REDSHIFTS. II. PARAMETER ESTIMATION FOR MODELS OF GALAXY FORMATION. <i>Astrophysical Journal</i> , <b>2015</b> , 813, 11	4.7	43
815	HerMES: ALMA IMAGING OF HERSCHEL-SELECTED DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , <b>2015</b> , 812, 43	4.7	68
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805	Probing the galaxy halo connection in UltraVISTA to $z \sim 2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 901-916	4.3	48



804	Evolution of the gas mass fraction in galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 450, 896-904	4-3	8
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802	Voids in modified gravity reloaded: Eulerian void assignment. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 450, 3319-3330	4-3	36
801	The Spitzer South Pole Telescope Deep-Field Survey: linking galaxies and haloes at $z = 1.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 446, 169-194	4-3	17
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798	Non-local bias contribution to third-order galaxy correlations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 259-276	4-3	21
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796	An accurate halo model for fitting non-linear cosmological power spectra and baryonic feedback models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 454, 1958-1975	4-3	189
795	Comparing halo bias from abundance and clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 450, 1674-1692	4-3	23
794	Cosmological constraints from weak lensing peak statistics with Canada-France-Hawaii Telescope Stripe 82 Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 450, 2888-2902	4-3	65
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791	21CMMC: an MCMC analysis tool enabling astrophysical parameter studies of the cosmic 21 cm signal. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 4246-4263	4-3	124
790	Galaxy Alignments: An Overview. <b>2015</b> , 193, 1-65		149
789	WEIGHING NEUTRINOS WITH COSMIC NEUTRAL HYDROGEN. <i>Astrophysical Journal</i> , <b>2015</b> , 814, 146	4-7	50
788	Vacuum models with a linear and a quadratic term in $H$ : structure formation and number counts analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 448, 2810-2821	4-3	53
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786	THE WEAK LENSING SIGNAL AND THE CLUSTERING OF BOSS GALAXIES. I. MEASUREMENTS. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 1	4-7	68
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784	A prescription for galaxy biasing evolution as a nuisance parameter. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 448, 1389-1401	4-3	25
783	Unveiling the cosmological information beyond linear scales: forecasts for sufficient statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 1682-1691	4-3	4
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781	The mass-concentration relation in lensing clusters: the role of statistical biases and selection effects. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 2024-2039	4-3	39
780	The Canadian Cluster Comparison Project: detailed study of systematics and updated weak lensing masses?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 685-714	4-3	259
779	The MassiveBlack-II simulation: the evolution of haloes and galaxies to $z \sim 0$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 450, 1349-1374	4-3	206
778	Scaling of the 1-halo terms with bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 454, 2844-2854	4-3	3
777	The Gigaparsec WiggleZ simulations: characterizing scale-dependant bias and associated systematics in growth of structure measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 1454-1469	4-3	20
776	Intensity mapping of [C ii] emission from early galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 450, 3829-3839	4-3	45
775	New constraints on $\beta$ from a joint analysis of stacked gravitational lensing and clustering of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 4147-4161	4-3	27
774	21 cm signal from cosmic dawn: imprints of spin temperature fluctuations and peculiar velocities. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 447, 1806-1825	4-3	65
773	Evolution of spherical overdensities in holographic dark energy models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 447, 1873-1884	4-3	20
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771	The First Billion Years project: gamma-ray bursts at $z > 5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 446, 4239-4249	4-3	12
770	Number counts and dynamical vacuum cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 448, 37-41	4-3	11
769	Dynamical vacuum energy in the expanding Universe confronted with observations: a dedicated study. <b>2015</b> , 2015, 004-004		86

768	Tomographic-spectral approach for dark matter detection in the cross-correlation between cosmic shear and diffuse Far emission. <b>2015</b> , 2015, 029-029		33
767	Dark matter halo properties of GAMA galaxy groups from 100 square degrees of KiDS weak lensing data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 3529-3550	4.3	100
766	The same with less: the cosmic web of warm versus cold dark matter dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 4413-4423	4.3	8
765	Structure formation with suppressed small-scale perturbations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 3117-3130	4.3	91
764	Cosmological structure formation in Decaying Dark Matter models. <b>2015</b> , 2015, 009-009		18
763	DISTORTION OF THE LUMINOSITY FUNCTION OF HIGH-REDSHIFT GALAXIES BY GRAVITATIONAL LENSING. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 256	4.7	12
762	Using large scale structure to measure $fNL$ , $gNL$ and $\mathcal{N}L$ . <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	27
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758	Getting leverage on inflation with a large photometric redshift survey. <b>2015</b> , 2015, 042-042		11
757	Kinematic effects of velocity fluctuations for the dark-halo population in a $\Lambda$ CDM model. <b>2015</b> , 59, 257-270		
756	Smooth halos in the cosmic web. <b>2015</b> , 2015, 020-020		3
755	Cosmological performance of SKA H i galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 450, 2251-2260	4.3	53
754	Intrinsic size correlations in weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 2059-2068	4.3	6
753	Constraining the growth of perturbations with lensing of supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 2845-2852	4.3	10
752	Cosmic variance of the galaxy cluster weak lensing signal. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 4264-4276	4.3	35
751	GALAXY GROUPS: A 2MASS CATALOG. <b>2015</b> , 149, 171		89

750	UV LUMINOSITY FUNCTIONS AT REDSHIFTS $z \sim 4$ TO $z \sim 10$ : 10,000 GALAXIES FROM HST LEGACY FIELDS. <i>Astrophysical Journal</i> , <b>2015</b> , 803, 34	4-7	761
749	PROSPECTS FOR DETECTING C II EMISSION DURING THE EPOCH OF REIONIZATION. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 209	4-7	69
748	EARLY GALAXY FORMATION IN WARM DARK MATTER COSMOLOGIES. <i>Astrophysical Journal</i> , <b>2015</b> , 806, 67	4-7	40
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745	THE Q CONTINUUM SIMULATION: HARNESSING THE POWER OF GPU ACCELERATED SUPERCOMPUTERS. <b>2015</b> , 219, 34		36
744	Exploring the liminality: properties of haloes and subhaloes in borderline $f(R)$ gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 3179-3191	4-3	31
743	Rapid simulation rescaling from standard to modified gravity models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 4203-4221	4-3	21
742	Future sensitivity of neutrino telescopes to dark matter annihilations from the cosmic diffuse neutrino signal. <b>2015</b> , 2015, 005-005		7
741	cosmoabc: Likelihood-free inference via Population Monte Carlo Approximate Bayesian Computation. <b>2015</b> , 13, 1-11		53
740	THE LUMINOSITY AND STELLAR MASS FUNCTIONS OF GRB HOST GALAXIES: INSIGHT INTO THE METALLICITY BIAS. <i>Astrophysical Journal</i> , <b>2015</b> , 802, 103	4-7	46
739	CROSS-CORRELATION BETWEEN THE CMB LENSING POTENTIAL MEASURED BY PLANCK AND HIGH- $z$ SUBMILLIMETER GALAXIES DETECTED BY THE HERSCHEL-ATLAS SURVEY. <i>Astrophysical Journal</i> , <b>2015</b> , 802, 64	4-7	48
738	Self-interacting dark matter scattering rates through cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 2268-2277	4-3	4
737	BLACK HOLE AND GALAXY COEVOLUTION FROM CONTINUITY EQUATION AND ABUNDANCE MATCHING. <i>Astrophysical Journal</i> , <b>2015</b> , 810, 74	4-7	65
736	Halo abundances within the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 447, 2683-2695	4-3	28
735	The angle-averaged squeezed limit of nonlinear matter $N$ -point functions. <b>2015</b> , 2015, 042-042		44
734	Testing general relativity with growth rate measurement from Sloan Digital Sky Survey III. Baryon Oscillations Spectroscopic Survey galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 1754-1767	4-3	35
733	Simulations for a next-generation UHECR observatory. <b>2015</b> , 2015, 030-030		6

732	Effects of ghost dark energy perturbations on the evolution of spherical overdensities. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 4149-4159	4.3	21
731	Non-local bias in the halo bispectrum with primordial non-Gaussianity. <b>2015</b> , 2015, 004-004		21
730	Limits on Population III star formation in minihaloes implied by Planck. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 4457-4467	4.3	40
729	Analytical first crossing distributions for curved barriers in Gaussian density fields. <b>2015</b> , 357, 1		
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727	The first billion years of a warm dark matter universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 446, 2760-2775	4.3	31
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721	ON THE EVOLUTION OF HIGH-REDSHIFT ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , <b>2016</b> , 828, 96	4.7	9
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706	Constraints on the temperature of the intergalactic medium at $z = 8.4$ with 21-cm observations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 455, 4295-4300	4-3	25
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692	A new method to measure galaxy bias by combining the density and weak lensing fields. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 35-47	4-3	14
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690	HIGH-ENERGY NEUTRINOS FROM SOURCES IN CLUSTERS OF GALAXIES. <i>Astrophysical Journal</i> , <b>2016</b> , 828, 37	4-7	16
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666	Accurate and efficient halo-based galaxy clustering modelling with simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 458, 4015-4024	4.3	36
665	Accurate halo-model matter power spectra with dark energy, massive neutrinos and modified gravitational forces. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 459, 1468-1488	4.3	104
664	Large fluctuations in the hydrogen-ionizing background and mean free path following the epoch of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 1328-1339	4.3	70
663	Formation of massive Population III galaxies through photoionization feedback: a possible explanation for CR7. <b>2016</b> , 460, L59-L63		28
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656	Photon number conserving models of H II bubbles during reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 1801-1810	4-3	10
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654	The scale-dependence of halo assembly bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 458, 1510-1516	4-3	40
653	Recovering the tidal field in the projected galaxy distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 256-272	4-3	6
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651	Clustering and bias measurements of SDSS voids. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 456, 4425-4431	4-3	23
650	An empirical model for the galaxy luminosity and star formation rate function at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 455, 2101-2109	4-3	68
649	The very wide-field gKGalaxy Survey III. The relationship between star-forming galaxies at $z \sim 2$ and their host haloes based upon HOD modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 458, 747-758	4-3	6
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647	Towards optimal cluster power spectrum analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 457, 2968-2987	4-3	4
646	Probing star formation in the dense environments of $z \sim 1$ lensing haloes aligned with dusty star-forming galaxies detected with the South Pole Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 455, 1629-1646	4-3	13
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640	Precision measurement of the local bias of dark matter halos. <b>2016</b> , 2016, 018-018		99
639	CONTRASTING GALAXY FORMATION FROM QUANTUM WAVE DARK MATTER, $\Lambda$ CDM, WITH $\Lambda$ CDM, USING PLANCK AND HUBBLE DATA. <i>Astrophysical Journal</i> , <b>2016</b> , 818, 89	4.7	110
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633	Gravitational Waves from Merging Intermediate-mass Black Holes. II. Event Rates at Ground-based Detectors. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 276	4.7	8
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631	Reionization and Galaxy Formation in Warm Dark Matter Cosmologies. <i>Astrophysical Journal</i> , <b>2017</b> , 836, 16	4.7	39
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627	The Galaxy Halo Connection in High-redshift Universe: Details and Evolution of Stellar-to-halo Mass Ratios of Lyman Break Galaxies on CFHTLS Deep Fields. <i>Astrophysical Journal</i> , <b>2017</b> , 841, 8	4.7	16
626	Substructure of fuzzy dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 941-951	4.3	47
625	Accurate mass and velocity functions of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 4157-4174	4.3	27

624	Calculation of the critical overdensity in the spherical-collapse approximation. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	8
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622	A high precision semi-analytic mass function. <b>2017</b> , 2017, 032-032		21
621	Constraints on shear and rotation with massive galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 2687-2697	4.3	21
620	TheHerschel-ATLAS: a sample of 500 $\bar{n}$ -selected lensed galaxies over 600' deg <sup>2</sup> . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 3558-3580	4.3	68
619	A look into the inside of haloes: a characterization of the halo shape as a function of overdensity in thePlanckcosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 466, 181-193	4.3	30
618	Revealing the Cosmic Web-dependent Halo Bias. <i>Astrophysical Journal</i> , <b>2017</b> , 848, 60	4.7	12
617	H-ATLAS/GAMA: magnification bias tomography. Astrophysical constraints above ~1 arcmin. <b>2017</b> , 2017, 024-024		13
616	Small-scale structure and 21cm fluctuations by primordial black holes. <b>2017</b> , 2017, 017-017		23
615	Jetted tidal disruptions of stars as a flag of intermediate mass black holes at high redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 4286-4299	4.3	6
614	Matrix formalism of excursion set theory: A new approach to statistics of dark matter halo counting. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	5
613	A Fast Radio Burst Occurs Every Second throughout the Observable Universe. <b>2017</b> , 846, L27		30
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609	Can decaying particle explain cosmic infrared background excess?. <b>2017</b> , 772, 628-633		10
608	Halo assembly bias from Separate Universe simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 2984-2999	4.3	18
607	Towards optimal cosmological parameter recovery from compressed bispectrum statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 1581-1618	4.3	31

606	Multitracer technique for galaxy bispectrum: An application to constraints on nonlocal primordial non-Gaussianities. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	17
605	Warm dark matter and the ionization history of the Universe. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	23
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600	Understanding the non-linear clustering of high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 4428-4436	4.3	15
599	Galaxy Groups Within 3500 km s $^{-1}$ . <i>Astrophysical Journal</i> , <b>2017</b> , 843, 16	4.7	91
598	Spherical collapse, formation hysteresis and the deeply non-linear cosmological power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 1282-1293	4.3	18
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596	Effects of tidal gravitational fields in clustering dark energy models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 466, 1839-1847	4.3	5
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594	A lightcone catalogue from the Millennium-XXL simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 4646-4661	4.3	30
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592	Baryon effects on the dark matter haloes constrained from strong gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 523-531	4.3	4
591	Testing the conditional mass function of dark matter haloes against numerical N-body simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 3424-3442	4.3	7
590	Cross-correlation of weak lensing and gamma rays: implications for the nature of dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 2706-2722	4.3	17
589	CODEX weak lensing: concentration of galaxy clusters at $z \sim 0.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 1092-1116	4.3	20

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583	Analytic halo approach to the bispectrum of galaxies in redshift space. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	7
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581	Testing the Large-scale Environments of Cool-core and Non-cool-core Clusters with Clustering Bias. <i>Astrophysical Journal</i> , <b>2017</b> , 836, 54	4.7	4
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578	Connecting the Cosmic Star Formation Rate with the Local Star Formation. <i>Astrophysical Journal</i> , <b>2017</b> , 849, 108	4.7	3
577	Lyman-break Galaxies at $z \sim 3$ in the Subaru Deep Field: Luminosity Function, Clustering, and [O iii] Emission. <i>Astrophysical Journal</i> , <b>2017</b> , 850, 5	4.7	15
576	Constraints on dark matter scenarios from measurements of the galaxy luminosity function at high redshifts. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	58
575	Verifying the consistency relation for the scale-dependent bias from local primordial non-Gaussianity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 3277-3288	4.3	30
574	Fast weak-lensing simulations with halo model. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 3574-3590	4.3	15
573	Simultaneously constraining the astrophysics of reionization and the epoch of heating with 21CMC. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 2651-2669	4.3	66
572	Galaxy clustering dependence on the [O ii] emission line luminosity in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 550-558	4.3	16
571	PSZ2LenS. Weak lensing analysis of the Planck clusters in the CFHTLenS and in the RCLenS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 1946-1971	4.3	47

570	Warm dark matter constraints from high-z direct collapse black holes using the JWST. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 4414-4421	4-3	12
569	Clustering dark energy and halo abundances. <b>2017</b> , 2017, 048-048		13
568	Halo bias in Lagrangian space: estimators and theoretical predictions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 3959-3970	4-3	43
567	On the linearity of tracer bias around voids. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 787-799	4-3	33
566	Consistency relations for the Lagrangian halo bias and their implications. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 2232-2248	4-3	6
565	Mass functions from the excursion set model. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 607, A47	5-1	
564	Imprint of non-linear effects on HI intensity mapping on large scales. <b>2017</b> , 2017, 005-005		12
563	Zooming on the internal structure of $z \gtrsim 6$ galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 2540-2558	4-3	74
562	Projection effects in the strong lensing study of subhaloes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 1426-1432	4-3	31
561	The impact of baryonic physics on the subhalo mass function and implications for gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 1997-2010	4-3	60
560	On the level of cluster assembly bias in SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 470, 551-560	4-3	65
559	The clustering properties of radio-selected AGN and star-forming galaxies up to redshift $z \sim 3$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 3271-3280	4-3	22
558	Bispectrum supersample covariance. <i>Physical Review D</i> , <b>2018</b> , 97,	4-9	18
557	Cosmology with the Large Synoptic Survey Telescope: an overview. <b>2018</b> , 81, 066901		27
556	CHAM: a fast algorithm of modelling non-linear matter power spectrum in the sCreened HALo Model. <b>2018</b> , 476, L65-L68		6
555	Structure formation and microlensing with axion miniclusters. <i>Physical Review D</i> , <b>2018</b> , 97,	4-9	54
554	A scale-dependent bias on linear scales: the case for HI intensity mapping at $z \sim 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 4297-4305	4-3	11
553	Probability distribution and statistical properties of spherically compensated cosmic regions in $\Lambda$ CDM cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 1912-1924	4-3	1

552	Relativistic wide-angle galaxy bispectrum on the light cone. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	21
551	Late time sky as a probe of steps and oscillations in primordial Universe. <b>2018</b> , 2018, 051-051		10
550	First results from the IllustrisTNG simulations: matter and galaxy clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 676-698	4.3	545
549	Halo abundance and assembly history with extreme-axion wave dark matter at $z \approx 4$ . <b>2018</b> , 473, L36-L40		13
548	DESCQA: An Automated Validation Framework for Synthetic Sky Catalogs. <b>2018</b> , 234, 36		13
547	Tracing the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 1195-1217	4.3	132
546	Cosmology and fundamental physics with the Euclid satellite. <b>2018</b> , 21, 2		366
545	Large-scale galaxy bias. <b>2018</b> , 733, 1-193		300
544	A general framework to test gravity using galaxy clusters I. Modelling the dynamical mass of haloes in $f(R)$ gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 1133-1152	4.3	13
543	Efficient cold outflows driven by cosmic rays in high-redshift galaxies and their global effects on the IGM. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 1680-1695	4.3	22
542	Dense Regions in Supersonic Isothermal Turbulence. <i>Astrophysical Journal</i> , <b>2018</b> , 854, 88	4.7	12
541	Cold dark energy constraints from the abundance of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 3882-3894	4.3	12
540	A direct measure of free electron gas via the kinematic Sunyaev-Zel'dovich effect in Fourier-space analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 3764-3785	4.3	12
539	Understanding Large-scale Structure in the SSA22 Protocluster Region Using Cosmological Simulations. <i>Astrophysical Journal</i> , <b>2018</b> , 852, 134	4.7	11
538	Gravitational redshifts of clusters and voids. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	4
537	Enhanced Rates of Fast Radio Bursts from Galaxy Clusters. <i>Astrophysical Journal</i> , <b>2018</b> , 863, 132	4.7	15
536	A fresh look into the interacting dark matter scenario. <b>2018</b> , 2018, 007-007		24
535	COLOSSUS: A Python Toolkit for Cosmology, Large-scale Structure, and Dark Matter Halos. <b>2018</b> , 239, 35		141

534	N-body simulations of structure formation in thermal inflation cosmologies. <b>2018</b> , 2018, 010-010		1
533	Forecasts for warm dark matter from photometric galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 1290-1299	4-3	3
532	CMB spectral distortions from black holes formed by vacuum bubbles. <b>2018</b> , 2018, 059-059		14
531	The Halo Masses of Galaxies to $z \sim 3$ : A Hybrid Observational and Theoretical Approach. <i>Astrophysical Journal</i> , <b>2018</b> , 863, 42	4-7	5
530	Glimmering in the Dark: Modeling the Low-mass End of the M <sub>12</sub> Relation and of the Quasar Luminosity Function. <b>2018</b> , 864, L6		23
529	Cosmological simulations for combined-probe analyses: covariance and neighbour-exclusion bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 1337-1367	4-3	24
528	Photon number conservation and the large-scale 21 cm power spectrum in seminumerical models of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 3821-3837	4-3	12
527	Cumulative Neutrino and Gamma-Ray Backgrounds from Halo and Galaxy Mergers. <i>Astrophysical Journal</i> , <b>2018</b> , 857, 50	4-7	8
526	CHORUS. II. Subaru/HSC Determination of the Ly $\alpha$ Luminosity Function at $z = 7.0$ : Constraints on Cosmic Reionization Model Parameter. <i>Astrophysical Journal</i> , <b>2018</b> , 867, 46	4-7	27
525	The Sources of Extreme Ultraviolet and Soft X-Ray Backgrounds. <i>Astrophysical Journal</i> , <b>2018</b> , 869, 159	4-7	13
524	DEMNUi: massive neutrinos and the bispectrum of large scale structures. <b>2018</b> , 2018, 003-003		25
523	Tidal shear and the consistency of microscopic Lagrangian halo approaches. <b>2018</b> , 2018, 017-017		5
522	Scale-dependent galaxy bias, CMB lensing-galaxy cross-correlation, and neutrino masses. <i>Physical Review D</i> , <b>2018</b> , 98,	4-9	46
521	21CMMC with a 3D light-cone: the impact of the co-evolution approximation on the astrophysics of reionization and cosmic dawn. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 3217-3229	4-3	34
520	A new smooth-k space filter approach to calculate halo abundances. <b>2018</b> , 2018, 010-010		9
519	The galaxy power spectrum and bispectrum in redshift space. <b>2018</b> , 2018, 035-035		47
518	Towards accurate rescaling of a halo mass function. <b>2018</b> , 27, 150-156		
517	Finding closure: approximating Vlasov-Poisson using finitely generated cumulants. <b>2018</b> , 2018, 030-030		7



516	Nonlinear evolution of initially biased tracers in modified gravity. <b>2018</b> , 2018, 013-013		11
515	Distribution of primordial black holes and 21cm signature. <b>2018</b> , 2018, 041-041		7
514	Imprints of Oscillatory Bispectra on Galaxy Clustering. <b>2018</b> , 2018, 003-003		16
513	Cluster counts: Calibration issue or new physics?. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 620, A78	5.1	14
512	Constraining sterile neutrino cosmologies with strong gravitational lensing observations at redshift $z \sim 0.2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 3661-3669	4.3	43
511	Implications of a prereionization 21-cm absorption signal for fuzzy dark matter. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	31
510	Correlation of extragalactic $\Gamma$ rays with cosmic matter density distributions from weak gravitational lensing. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	7
509	The observed galaxy bispectrum from single-field inflation in the squeezed limit. <b>2018</b> , 2018, 050-050		11
508	Comparison of the linear bias models in the light of the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 2621-2628	4.3	2
507	Early galaxy formation and its large-scale effects. <b>2018</b> , 780-782, 1-64		170
506	Cosmological reconstruction from galaxy light: neural network based light-matter connection. <b>2018</b> , 2018, 028-028		37
505	The Persistence of Population III Star Formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 4544-4559	4.3	24
504	Renormalization of Lagrangian bias via spectral parameters. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	12
503	( $\sigma_8$ ) Discrepancy and its solutions. <b>2018</b> , 39, 1		6
502	Constraining primordial non-Gaussianity with bispectrum and power spectrum from upcoming optical and radio surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 1341-1376	4.3	66
501	Dependence on the environment of the abundance function of light-cone simulation dark matter haloes. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A137	5.1	3
500	Structure formation in clustering DBI dark energy model with constant sound speed. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 2393-2406	4.3	1
499	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. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 1639-1663	4.3	73

498	Cosmological N-body simulations with a large-scale tidal field. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 162-170	4.3	20
497	LoCuSS: The infall of X-ray groups on to massive clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 4931-4950	4.3	26
496	Origin of Metals around Galaxies. I. Catalogs of Metal-line Absorption Doublets from High-resolution Quasar Spectra. <i>Astrophysical Journal</i> , <b>2018</b> , 862, 50	4.7	2
495	Scale dependence of galaxy biasing investigated by weak gravitational lensing: An assessment using semi-analytic galaxies and simulated lensing data. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 613, A15	5.1	18
494	Cubic halo bias in Eulerian and Lagrangian space. <b>2018</b> , 2018, 029-029		49
493	Cosmological constraints from multiple tracers in spectroscopic surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 1444-1460	4.3	7
492	A question of separation: disentangling tracer bias and gravitational non-linearity with counts-in-cells statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 5098-5112	4.3	18
491	The clustering and bias of radio-selected AGN and star-forming galaxies in the COSMOS field. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 4133-4150	4.3	22
490	The clustering of $z > 7$ galaxies: predictions from the BLUETIDES simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 5393-5405	4.3	13
489	The SDSS-DR12 large-scale cross-correlation of damped Lyman alpha systems with the Lyman alpha forest. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 3019-3038	4.3	38
488	Clustering of quasars in a wide luminosity range at redshift 4 with Subaru Hyper Suprime-Cam Wide-field imaging. <b>2018</b> , 70,		25
487	Small-scale structure and the Lyman-Forest baryon acoustic oscillation feature. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 2173-2193	4.3	13
486	The Clustering of High-redshift (2.9 $\leq z < 5.1$ ) Quasars in SDSS Stripe 82. <i>Astrophysical Journal</i> , <b>2018</b> , 859, 20	4.7	22
485	COSMOS2015 photometric redshifts probe the impact of filaments on galaxy properties. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 5437-5458	4.3	68
484	ALMA observations of lensed Herschel sources: testing the dark matter halo paradigm. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 4939-4952	4.3	12
483	Self-consistent semi-analytic models of the first stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 5246-5256	4.3	21
482	Flexion in Abell 2744. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 1198-1212	4.3	0
481	Modelling the line-of-sight contribution in substructure lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 5424-5442	4.3	56

480	Approximation methods in modified gravity models. <b>2018</b> , 27, 1848004		2
479	Machine learning cosmological structure formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 479, 3405-3414	4.3	28
478	Spherical collapse and cluster number counts in dark energy models disformally coupled to dark matter. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	5
477	Self-sustaining Star Formation Fronts in Filaments during the Cosmic Dawn. <b>2018</b> , 862, L14		1
476	The Connection Between Galaxies and Their Dark Matter Halos. <b>2018</b> , 56, 435-487		289
475	Gravitational lensing detection of an extremely dense environment around a galaxy cluster. <i>Nature Astronomy</i> , <b>2018</b> , 2, 744-750	12.1	10
474	Higher multipoles of the galaxy bispectrum in redshift space. <b>2018</b> , 2018, 038-038		7
473	EDGES result versus CMB and low-redshift constraints on ionization histories. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	11
472	Mapping stellar content to dark matter haloes III. Environmental dependence and conformity of galaxy colours. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 1637-1653	4.3	24
471	Probing Cosmology with Dark Matter Halo Sparsity Using X-Ray Cluster Mass Measurements. <i>Astrophysical Journal</i> , <b>2018</b> , 862, 40	4.7	15
470	Efficient computation of galaxy bias with neutrinos and other relics. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	24
469	Large-scale Environment of $z=6.61$ Luminous Quasar Probed by Ly $\alpha$ Emitters and Lyman Break Galaxies. <i>Astrophysical Journal</i> , <b>2018</b> , 856, 109	4.7	28
468	Probing primordial non-Gaussianity with 21 cm fluctuations from minihalos. <b>2019</b> , 2019, 033-033		5
467	Spherical collapse model in varying (G) cosmologies. <b>2019</b> , 364, 1		
466	Convolution Lagrangian perturbation theory for biased tracers beyond general relativity. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	10
465	Average dark matter halo sparsity relations as consistency check of mass estimates in galaxy cluster samples. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 4382-4392	4.3	4
464	On the road to percent accuracy: non-linear reaction of the matter power spectrum to dark energy and modified gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 2121-2142	4.3	41
463	Remnants of Galactic Subhalos and Their Impact on Indirect Dark-Matter Searches. <b>2019</b> , 7, 65		8

462	Lyman $\beta$ -emitting galaxies in the epoch of reionization. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 627, A84	5.1	18
461	Forecasting super-sample covariance in future weak lensing surveys with SuperSCRAM. <b>2019</b> , 2019, 004-004		3
460	The Hunt for Primordial Interactions in the Large-Scale Structures of the Universe. <b>2019</b> , 7, 71		22
459	Using large-scale structure data and a halo model to constrain generalized dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 813-831	4.3	6
458	Methods for cluster cosmology and application to the SDSS in preparation for DES Year 1 release. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 4779-4800	4.3	51
457	Constraining primordial non-Gaussianity using two galaxy surveys and CMB lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 1950-1956	4.3	25
456	Revealing the galaxy halo connection in IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 5693-5711	4.3	27
455	A black box for dark sector physics: predicting dark matter annihilation feedback with conditional GANs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 3134-3143	4.3	7
454	Tomographic weak lensing bispectrum: a thorough analysis towards the next generation of galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 4688-4714	4.3	14
453	The H I bias during the Epoch of Reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 5739-5748	4.3	3
452	An interpretable machine-learning framework for dark matter halo formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 331-342	4.3	10
451	A fast radio burst in the direction of the Virgo Cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 1-8	4.3	13
450	Constraint of void bias on primordial non-Gaussianity. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	9
449	Intensity mapping with neutral hydrogen and the Hidden Valley simulations. <b>2019</b> , 2019, 024-024		16
448	Cosmological filaments in the light of excursion set of saddle points. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 900-909	4.3	3
447	Bias loop corrections to the galaxy bispectrum. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	31
446	Relativistic bias in neutrino cosmologies. <b>2019</b> , 2019, 035-035		6
445	21-cm power spectrum and ionization bias as a probe of long-mode modulated non-Gaussian sky. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 5941-5951	4.3	1

444	Cosmic web anisotropy is the primary indicator of halo assembly bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 2977-2996	4-3	34
443	Joint halo-mass function for modified gravity and massive neutrinos II. Simulations and cosmological forecasts. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 3927-3941	4-3	17
442	Probing galaxy cluster and intra-cluster gas with luminous red galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 4904-4916	4-3	2
441	Long Gamma-Ray Burst Rate at Very High Redshift. <i>Astrophysical Journal</i> , <b>2019</b> , 878, 128	4-7	8
440	Bayesian model selection with future 21cm observations of the epoch of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 1160-1177	4-3	13
439	The Aemulus Project. II. Emulating the Halo Mass Function. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 53	4-7	58
438	Line Intensity Mapping with [C ii] and CO(1-0) as Probes of Primordial Non-Gaussianity. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 126	4-7	29
437	On the Star Formation Efficiency in High-redshift Ly $\alpha$ Emitters. <b>2019</b> , 131, 074101		4
436	SDSS-IV MaNGA: signatures of halo assembly in kinematically misaligned galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 172-188	4-3	8
435	Formation of globular cluster systems III. Impact of the cut-off of the cluster initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 331-343	4-3	13
434	Structure formation in dark energy cosmologies described by PADE parametrization. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 4841-4851	4-3	6
433	Probing the fluctuating ultraviolet background using the Hubble Frontier Fields. <b>2019</b> , 482, L19-L23		2
432	The Effect of Dark Matter-Dark Radiation Interactions on Halo Abundance: A Press-Schechter Approach. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 101	4-7	12
431	The Aemulus Project. I. Numerical Simulations for Precision Cosmology. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 69	4-7	52
430	The Halo Mass of Optically Luminous Quasars at $z \sim 2$ Measured via Gravitational Deflection of the Cosmic Microwave Background. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 85	4-7	10
429	Imprints of relativistic effects on the asymmetry of the halo cross-correlation function: from linear to non-linear scales. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 2671-2696	4-3	19
428	Can one-population density profile reduce the tension between rotation curve data and strong lensing statistics?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 2825-2835	4-3	1
427	Cosmic web dependence of galaxy clustering and quenching in SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 4501-4517	4-3	23

426	Inferring the astrophysics of reionization and cosmic dawn from galaxy luminosity functions and the 21-cm signal. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 933-949	4-3	79
425	Core Cosmology Library: Precision Cosmological Predictions for LSST. <b>2019</b> , 242, 2		49
424	Low-mass halo perturbations in strong gravitational lenses at redshift $z \sim 0.5$ are consistent with $\Lambda$ CDM. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 2179-2193	4-3	40
423	Quantifying baryon effects on the matter power spectrum and the weak lensing shear correlation. <b>2019</b> , 2019, 020-020		64
422	Probing gravity with a joint analysis of galaxy and CMB lensing and SDSS spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 785-806	4-3	19
421	Dark matter microphysics and 21 cm observations. <i>Physical Review D</i> , <b>2019</b> , 99,	4-9	18
420	First Detection of Scale-Dependent Linear Halo Bias in N-Body Simulations with Massive Neutrinos. <b>2019</b> , 122, 041302		20
419	Dark Quest. I. Fast and Accurate Emulation of Halo Clustering Statistics and Its Application to Galaxy Clustering. <i>Astrophysical Journal</i> , <b>2019</b> , 884, 29	4-7	58
418	The void size function in dynamical dark energy cosmologies. <b>2019</b> , 2019, 040-040		13
417	The galaxy bias at second order in general relativity with non-Gaussian initial conditions. <b>2019</b> , 2019, 048-048		4
416	Constraining the primordial black hole abundance with 21-cm cosmology. <i>Physical Review D</i> , <b>2019</b> , 100,	4-9	34
415	Screened fifth forces in parity-breaking correlation functions. <i>Physical Review D</i> , <b>2019</b> , 100,	4-9	3
414	Non-Linear Moving Barrier and the Ordinary and Conditional Mass Function. <b>2019</b> , 63, 1080-1089		
413	Measuring linear and non-linear galaxy bias using counts-in-cells in the Dark Energy Survey Science Verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 1435-1451	4-3	10
412	Probing Cosmic Origins with CO and [C ii] Emission Lines. <b>2019</b> , 870, L4		16
411	CLUMPY v3: Ray and Signals from dark matter at all scales. <b>2019</b> , 235, 336-345		19
410	CosmicGrowth Simulations Cosmological simulations for structure growth studies. <b>2019</b> , 62, 1		16
409	The modified gravity light-cone simulation project II. Statistics of matter and halo distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 790-805	4-3	15

408	Redshifted 21-cm emission signal from the halos in Dark Ages. <b>2020</b> , 27, 100422		
407	Constraints on running of non-Gaussianity from large-scale structure probes. <b>2020</b> , 491, L61-L65		6
406	Marked correlation functions in perturbation theory. <b>2020</b> , 2020, 006-006		4
405	Searching for gamma-ray emission from galaxy clusters at low redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 3225-3244	4.3	4
404	Spherical collapse in coupled quintessence with a $\Lambda$ CDM background. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	1
403	Constraining black hole-galaxy scaling relations and radiative efficiency from galaxy clustering. <i>Nature Astronomy</i> , <b>2020</b> , 4, 282-291	12.1	18
402	Observational evidence for a local underdensity in the Universe and its effect on the measurement of the Hubble constant. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 633, A19	5.1	17
401	The manifestation of secondary bias on the galaxy population from IllustrisTNG300. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 1182-1196	4.3	15
400	Toward accurate measurement of property-dependent galaxy clustering: I. Comparison of the V max method and the $\mathcal{E}$ shuffled method. <b>2020</b> , 20, 054		1
399	The growth of DM and DE perturbations in DBI non-canonical scalar field scenario. <b>2020</b> , 422, 168299		0
398	On the road to per cent accuracy IV: ReACT computing the non-linear power spectrum beyond $\Lambda$ CDM. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 4650-4662	4.3	11
397	On the Temporal Habitability of Our Universe. <b>2020</b> , 458-510		
396	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> , <b>2020</b> , 499, 269-291	4.3	25
395	Voronoi volume function: a new probe of cosmology and galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 3233-3251	4.3	14
394	Constraining the nature of ultra light dark matter particles with the 21 cm forest. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	9
393	On the impact of baryons on the halo mass function, bias, and cluster cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 500, 2316-2335	4.3	13
392	Minimum size of 21-cm simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 2354-2362	4.3	8
391	The lensing properties of subhaloes in massive elliptical galaxies in sterile neutrino cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 1295-1310	4.3	5

390	Maximum amplitude of the high-redshift 21-cm absorption feature. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	4
389	Projection effects on the observed angular spectrum of the astrophysical stochastic gravitational wave background. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	20
388	Propagating sample variance uncertainties in redshift calibration: simulations, theory, and application to the COSMOS2015 data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 2984-2999	4.3	8
387	GAMA + KiDS: empirical correlations between halo mass and other galaxy properties near the knee of the stellar-to-halo mass relation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 2896-2911	4.3	7
386	Testing the reliability of fast methods for weak lensing simulations: wl-moka on pinocchio. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 1307-1324	4.3	1
385	Modelling the asymmetry of the halo cross-correlation function with relativistic effects at quasi-linear scales. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 981-1001	4.3	2
384	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. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 3470-3483	4.3	15
383	An accurate perturbative approach to redshift space clustering of biased tracers in modified gravity. <b>2020</b> , 2020, 055-055		11
382	Spherical collapse in generalized dark matter models. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	2
381	The Tessellation-Level-Tree: characterizing the nested hierarchy of density peaks and their spatial distribution in cosmological N-body simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 5693-5712	4.3	3
380	Probing dark matter with future CMB measurements. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	12
379	21 cm forest probes on axion dark matter in postinflationary Peccei-Quinn symmetry breaking scenarios. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	1
378	Joint cosmology and mass calibration from thermal Sunyaev-Zeldovich cluster counts and cosmic shear. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	6
377	Understanding galaxy formation and evolution through an all-sky submillimetre spectroscopic survey. <b>2020</b> , 37,		3
376	The three causes of low-mass assembly bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 4763-4782	4.3	23
375	Small-scale structure of fuzzy and axion-like dark matter. <b>2020</b> , 113, 103787		37
374	Constraining structure formation using EDGES. <b>2020</b> , 2020, 004-004		5
373	Galaxy assembly bias of central galaxies in the Illustris simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 2739-2754	4.3	15



372	Modified initial power spectrum and too big to fail problem. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 4907-4913	4.3	4
371	Separating Accretion and Mergers in the Cosmic Growth of Black Holes with X-Ray and Gravitational-wave Observations. <i>Astrophysical Journal</i> , <b>2020</b> , 895, 95	4.7	13
370	Effective halo model: Creating a physical and accurate model of the matter power spectrum and cluster counts. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	10
369	A systematic search for galaxy proto-cluster cores at $z \sim 2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 3169-3181	4.3	7
368	Growth index of matter perturbations in the light of Dark Energy Survey. <b>2020</b> , 80, 1		7
367	Detection of Cross-Correlation between Gravitational Lensing and $\Gamma$ Rays. <b>2020</b> , 124, 101102		10
366	Simulations and symmetries. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 5754-5763	4.3	18
365	The Radio Scream from black holes at Cosmic Dawn: a semi-analytic model for the impact of radio-loud black holes on the 21 cm global signal. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 6086-6104	4.3	22
364	Corrections to halo model due to primordial magnetic field in a universe with non-zero cosmological constant. <b>2020</b> , 365, 1		
363	Shot noise in multitracer constraints on fNL and relativistic projections: Power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 932-942	4.3	4
362	Turnaround radius in $\Lambda$ CDM and dark matter cosmologies with shear and vorticity. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	7
361	Stochastic Processes as the Origin of the Double Power-law Shape of the Quasar Luminosity Function. <i>Astrophysical Journal</i> , <b>2020</b> , 894, 124	4.7	8
360	Modelling the stochasticity of high-redshift halo bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 3294-3309	4.3	5
359	The atomic hydrogen content of the post-reionization Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 5434-5455	4.3	25
358	Non-Gaussian CMB and LSS statistics beyond polyspectra. <b>2020</b> , 2020, 027-027		3
357	LARgE Survey III. The dark matter haloes and the progenitors and descendants of ultramassive passive galaxies at cosmic noon. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 804-818	4.3	3
356	Modelling the matter bispectrum at small scales in modified gravity. <b>2020</b> , 2020, 025-025		9
355	Non-linear matter power spectrum without screening dynamics modelling in f(R) gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 4235-4245	4.3	1

354	Cosmology inference from a biased density field using the EFT-based likelihood. <b>2020</b> , 2020, 029-029		12
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352	The impact of the observed baryon distribution in haloes on the total matter power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 2285-2307	4-3	23
351	Non-Gaussianity constraints using future radio continuum surveys and the multitracer technique. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 1513-1522	4-3	11
350	Towards determining the neutrino mass hierarchy: weak lensing and galaxy clustering forecasts with baryons and intrinsic alignments. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 1640-1661	4-3	8
349	Measurement of Void Bias Using Separate Universe Simulations. <i>Astrophysical Journal</i> , <b>2020</b> , 889, 89	4-7	4
348	TARDIS. II. Synergistic Density Reconstruction from Ly $\alpha$ Forest and Spectroscopic Galaxy Surveys with Applications to Protoclusters and the Cosmic Web. <i>Astrophysical Journal</i> , <b>2021</b> , 906, 110	4-7	5
347	The physics of gas phase metallicity gradients in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 5935-5961	4-3	12
346	hmcode-2020: improved modelling of non-linear cosmological power spectra with baryonic feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 1401-1422	4-3	37
345	Probing axion dark matter with 21 cm fluctuations from minihalos. <i>Physical Review D</i> , <b>2021</b> , 103,	4-9	1
344	Clustering of CODEX clusters. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 646, A8	5-1	2
343	Dissecting and modelling galaxy assembly bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 3242-3263	4-3	19
342	OUP accepted manuscript. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	7
341	Boosting small-scale structure via primordial black holes and implications for sub-GeV dark matter annihilation. <i>Physical Review D</i> , <b>2021</b> , 103,	4-9	6
340	Novel Probes Project: Tests of gravity on astrophysical scales. <b>2021</b> , 93,		18
339	Removing the giants and learning from the crowd: A new SZ power spectrum method and revised Compton y-map analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 5310-5328	4-3	2
338	CFHTLenS: Galaxy bias as function of scale, stellar mass, and colour. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 646, A71	5-1	1
337	Out of sight, out of mind? The impact of correlated clustering in substructure lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 6064-6079	4-3	3

336	Extracting H i astrophysics from interferometric intensity mapping. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 5259-5276	4-3	3
335	Quasars at intermediate redshift are not special; but they are often satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 504, 857-870	4-3	1
334	Antisymmetric Cross-correlation between H i and CO Line Intensity Maps as a New Probe of Cosmic Reionization. <i>Astrophysical Journal</i> , <b>2021</b> , 909, 51	4-7	1
333	Including beyond-linear halo bias in halo models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 3095-3111	4-3	10
332	Clustering and halo abundances in early dark energy cosmological models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 504, 769-781	4-3	9
331	Cosmic voids in modified gravity models with massive neutrinos. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 504, 5021-5038	4-3	5
330	Probing oscillons of ultra-light axion-like particle by 21 cm forest. <b>2021</b> , 2021, 019		0
329	Cosmological Constraints from Galaxy Cluster Sparsity, Cluster Gas Mass Fraction, and Baryon Acoustic Oscillation Data. <i>Astrophysical Journal</i> , <b>2021</b> , 911, 82	4-7	1
328	Biased Tracer Reconstruction with Halo Mass Information. <b>2021</b> , 254, 4		1
327	Nonperturbative halo clustering from cosmological density peaks. <i>Physical Review D</i> , <b>2021</b> , 103,	4-9	2
326	Halo model approach for the 21-cm power spectrum at cosmic dawn. <i>Physical Review D</i> , <b>2021</b> , 103,	4-9	7
325	A Stochastic Theory of the Hierarchical Clustering. II. Halo Progenitor Mass Function and Large-scale Bias. <i>Astrophysical Journal</i> , <b>2021</b> , 911, 11	4-7	0
324	Multi-tracer intensity mapping: cross-correlations, line noise & decorrelation. <b>2021</b> , 2021, 068		9
323	Measuring the topology of reionization with Betti numbers. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 1863-1877	4-3	4
322	Impact of the calibration of the halo mass function on galaxy cluster number count cosmology. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A47	5-1	3
321	Dark matter microhalos from simplified models. <i>Physical Review D</i> , <b>2021</b> , 103,	4-9	3
320	Information content of higher order galaxy correlation functions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 628-641	4-3	4
319	Primordial non-Gaussianity from biased tracers: likelihood analysis of real-space power spectrum and bispectrum. <b>2021</b> , 2021, 015		16

318	Searching for axion-like particle decay in the near-infrared background: an updated analysis. <b>2021</b> , 2021, 046		3
317	Euclid: Impact of non-linear and baryonic feedback prescriptions on cosmological parameter estimation from weak lensing cosmic shear. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A100	5.1	10
316	Effects of Photoionization and Photoheating on Ly $\alpha$ Forest Properties from Cholla Cosmological Simulations. <i>Astrophysical Journal</i> , <b>2021</b> , 912, 138	4.7	4
315	Cosmology from weak lensing alone and implications for the Hubble tension. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 4935-4955	4.3	4
314	Probing small-scale power spectra with pulsar timing arrays. <b>2021</b> , 2021, 1		6
313	The effect of finite halo size on the clustering of neutral hydrogen. <b>2021</b> , 2021, 027		1
312	Detecting the relativistic bispectrum in 21cm intensity maps. <b>2021</b> , 2021, 039		8
311	Cosmic Reionization May Still Have Started Early and Ended Late: Confronting Early Onset with Cosmic Microwave Background Anisotropy and 21 cm Global Signals. <i>Astrophysical Journal</i> , <b>2021</b> , 914, 44	4.7	6
310	Cosmological gravity on all scales. Part II. Model independent modified gravity N-body simulations. <b>2021</b> , 2021, 016		3
309	Characterizing the signatures of star-forming galaxies in the extragalactic Far-UV background. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 52-72	4.3	3
308	Does concentration drive the scatter in the stellar-to-halo mass relation of galaxy clusters?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 5117-5128	4.3	4
307	Primordial black hole merger rate in ellipsoidal-collapse dark matter halo models. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	4
306	Galaxy and mass assembly (GAMA): the clustering of galaxy groups. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 21-37	4.3	2
305	On the dark matter haloes of optical and IR-selected AGNs in the local universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 5403-5411	4.3	1
304	The halo mass function and inner structure of ETHOS haloes at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 128-138	4.3	2
303	Structure formation in large-volume cosmological simulations of fuzzy dark matter: impact of the non-linear dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 2603-2618	4.3	8
302	The Cosmic Large-Scale Structure in X-rays (CLASSIX) Cluster Survey. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 651, A15	5.1	2
301	The Cosmic Large-Scale Structure in X-rays (CLASSIX) Cluster Survey. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 651, A16	5.1	1

300	TheHaloMod: An online calculator for the halo model. <b>2021</b> , 36, 100487		2
299	Joint constraints on thermal relic dark matter from strong gravitational lensing, the Ly $\alpha$ Forest, and Milky Way satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 5848-5862	4.3	21
298	The subtlety of Ly $\alpha$ photons: changing the expected range of the 21-cm signal. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	5
297	Simulations of axion minihalos. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	7
296	Laguerre reconstruction of the correlation function on baryon acoustic oscillation scales. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	2
295	The Diversity of Environments around Luminous Quasars at Redshift $z \sim 6$ . <i>Astrophysical Journal</i> , <b>2021</b> , 917, 89	4.7	1
294	CosmoReionMC: a package for estimating cosmological and astrophysical parameters using CMB, Lyman- $\alpha$ absorption, and global 21 cm data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 2405-2422	4.3	3
293	Theoretical and numerical perspectives on cosmic distance averages. <i>Astronomy and Astrophysics</i> ,	5.1	0
292	The mass function dependence on the dynamical state of dark matter haloes. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 652, A155	5.1	5
291	The Diffusion Coefficient of the Splashback Mass Function as a Probe of Cosmology. <i>Astrophysical Journal</i> , <b>2021</b> , 917, 98	4.7	1
290	The cosmological dependence of halo and galaxy assembly bias. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 3412-3422	4.3	2
289	Dark matter annihilation to neutrinos. <b>2021</b> , 93,		9
288	Ultra-light dark matter. <b>2021</b> , 29, 1		15
287	Excursion set peaks in energy as a model for haloes. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
286	Cluster assembly times as a cosmological test. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 508, 100-117	4.3	
285	Small-scale shear: Peeling off diffuse subhalos with gravitational waves. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	1
284	Mass accretion rates and multiscale halo environment in cold and warm dark matter cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 508, 852-867	4.3	1
283	Detecting Neutrino Mass by Combining Matter Clustering, Halos, and Voids. <i>Astrophysical Journal</i> , <b>2021</b> , 919, 24	4.7	8

282	Wave Dark Matter. <b>2021</b> , 59, 247-289		17
281	AMICO galaxy clusters in KiDS-DR3. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 653, A19	5.1	3
280	On the road to per cent accuracy IV. The non-linear power spectrum beyond $\Lambda$ CDM with massive neutrinos and baryonic feedback. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	3
279	Predicting halo occupation and galaxy assembly bias with machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 4879-4899	4.3	3
278	Probing compensated isocurvature with the 21-cm signal during cosmic dawn. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	2
277	Cosmology with the submillimetre galaxies magnification bias: Tomographic analysis. <i>Astronomy and Astrophysics</i> , <b>2021</b> ,	5.1	0
276	The BAHAMAS project: evaluating the accuracy of the halo model in predicting the non-linear matter power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
275	Galaxy: Dark matter connection in cosmology. <b>2021</b> , 342, 171-175		
274	A direct and robust method to observationally constrain the halo mass function via the submillimeter magnification bias: Proof of concept. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 645, A126	5.1	1
273	Observational Signatures and Statistics of Galaxy Cluster Mergers. <b>2002</b> , 133-162		6
272	Cosmology with Clusters of Galaxies. <b>2008</b> , 287-334		13
271	Large-Scale Structure Formation: From the First Non-linear Objects to Massive Galaxy Clusters. <b>2016</b> , 93-139		4
270	Cosmological Constraints from Galaxy Clustering. <b>2007</b> , 157-186		2
269	First Light. <b>2008</b> , 1-159		2
268	Fundamental Cosmological Observations and Data Interpretation. <b>2009</b> , 7-201		3
267	Near Field Cosmology: The Origin of the Galaxy and the Local Group. <b>2014</b> , 1-144		3
266	The Large-Scale Structure of the Universe. <b>2013</b> , 387-421		10
265	Negative feedback effects on star formation history and cosmic reionization. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 494, 817-827	5.1	2

264	Constraints on leptonically annihilating dark matter from reionization and extragalactic gamma background. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 505, 999-1005	5.1	81
263	A fitting formula for the non-Gaussian contribution to the lensing power spectrum covariance. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 514, A79	5.1	22
262	Angular fluctuations in the CXB: is Fe 6.4 keV line tomography of the large-scale structure feasible?. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 547, A21	5.1	4
261	Clustering of the AKARI NEP deep field 24th selected galaxies. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 582, A58	5.1	5
260	Detecting shocked intergalactic gas with X-ray and radio observations. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 627, A5	5.1	20
259	One- and two-point source statistics from the LOFAR Two-metre Sky Survey first data release. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 643, A100	5.1	9
258	The importance of magnification effects in galaxy-galaxy lensing. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 638, A96	5.1	10
257	Cosmology with the submillimetre galaxies magnification bias: Proof of concept. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 639, A128	5.1	2
256	A hydrodynamical halo model for weak-lensing cross correlations. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, A130	5.1	16
255	Impact of systematics on cosmological parameters from future galaxy cluster surveys. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 643, A20	5.1	8
254	The ROSAT-ESO Flux-Limited X-Ray (REFLEX) galaxy cluster survey. <i>Astronomy and Astrophysics</i> , <b>2001</b> , 368, 86-106	5.1	70
253	Lensing Sunyaev-Zel'dovich clusters. <i>Astronomy and Astrophysics</i> , <b>2001</b> , 370, 754-764	5.1	26
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