

# Gustavo Yepes

## List of Publications by Year in descending order

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Version: 2024-02-01

209  
papers

11,170  
citations

36203

51  
h-index

34900

98  
g-index

216  
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216  
docs citations

216  
times ranked

5578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Halo Mass Function for Precision Cosmology: The Limits of Universality. <i>Astrophysical Journal</i> , 2008, 688, 709-728.	1.6	1,387
2	THE LARGE-SCALE BIAS OF DARK MATTER HALOS: NUMERICAL CALIBRATION AND MODEL TESTS. <i>Astrophysical Journal</i> , 2010, 724, 878-886.	1.6	733
3	MultiDark simulations: the story of dark matter halo concentrations and density profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 4340-4359.	1.6	687
4	Halo es gone MADâˆ“...: The Halo-Finder Comparison Project. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 2293-2318.	1.6	302
5	Dwarf galaxies in voids: suppressing star formation with photoheating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 401-414.	1.6	251
6	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: mock galaxy catalogues for the BOSS Final Data Release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4156-4173.	1.6	213
7	A dynamical classification of the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1815-1824.	1.6	208
8	The halo mass function through the cosmic ages. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 1230-1245.	1.6	197
9	Tracing the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1195-1217.	1.6	187
10	Cosmic Dawn (CoDa): the first radiation-hydrodynamics simulation of reionization and galaxy formation in the Local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1462-1485.	1.6	163
11	THE VELOCITY FUNCTION IN THE LOCAL ENVIRONMENT FROM $\hat{\Lambda}$ CDM AND $\hat{\Lambda}$ WDM CONSTRAINED SIMULATIONS. <i>Astrophysical Journal</i> , 2009, 700, 1779-1793.	1.6	160
12	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: modelling the clustering and halo occupation distribution of BOSS CMASS galaxies in the Final Data Release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1173-1187.	1.6	150
13	Accretion dynamics and disk evolution in NGCâˆ“2264: a study based on CoRoT photometric observations. <i>Astronomy and Astrophysics</i> , 2010, 519, A88.	2.1	146
14	A kinematic classification of the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2049-2057.	1.6	139
15	Modelling baryon acoustic oscillations with perturbation theory and stochastic halo biasing. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 439, L21-L25.	1.2	134
16	Lithium depletion in solar-like stars: no planet connection. <i>Astronomy and Astrophysics</i> , 2010, 519, A87.	2.1	133
17	The Three Hundred project: a large catalogue of theoretically modelled galaxy clusters for cosmological and astrophysical applications. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2898-2915.	1.6	131
18	On the physical origin of dark matter density profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 1109-1120.	1.6	123

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19	EZmocks: extending the Zel'dovich approximation to generate mock galaxy catalogues with accurate clustering statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 2621-2628.	1.6	117
20	THE MUSIC OF CLASH: PREDICTIONS ON THE CONCENTRATION-MASS RELATION. <i>Astrophysical Journal</i> , 2014, 797, 34.	1.6	115
21	The preferred direction of infalling satellite galaxies in the Local Group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 1525-1535.	1.6	100
22	THE EVOLUTION OF CENTRAL GROUP GALAXIES IN HYDRODYNAMICAL SIMULATIONS. <i>Astrophysical Journal</i> , 2010, 709, 218-240.	1.6	95
23	Semi-analytic galaxies – I. Synthesis of environmental and star-forming regulation mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2-24.	1.6	95
24	DWARF GALAXIES AND THE COSMIC WEB. <i>Astrophysical Journal Letters</i> , 2013, 763, L41.	3.0	94
25	Shape, Spin, and Baryon Fraction of Clusters in the MareNostrum Universe. <i>Astrophysical Journal</i> , 2007, 664, 117-122.	1.6	93
26	Redshift-space clustering of SDSS galaxies – luminosity dependence, halo occupation distribution, and velocity bias. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 4369-4384.	1.6	90
27	The cosmic web and the orientation of angular momenta. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 421, L137-L141.	1.2	89
28	The MUSIC of galaxy clusters – I. Baryon properties and scaling relations of the thermal Sunyaev–Zel'dovich effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 323-343.	1.6	89
29	Cosmic Dawn II (CoDa II): a new radiation-hydrodynamics simulation of the self-consistent coupling of galaxy formation and reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4087-4107.	1.6	89
30	THE STELLAR-TO-HALO MASS RELATION FOR LOCAL GROUP GALAXIES. <i>Astrophysical Journal Letters</i> , 2014, 784, L14.	3.0	87
31	Diffuse radio emission from clusters in the MareNostrum Universe simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 1511-1526.	1.6	82
32	Constrained simulations of the Local Group: on the radial distribution of substructures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 1889-1897.	1.6	80
33	Modelling galaxy clustering: halo occupation distribution versus subhalo matching. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3040-3058.	1.6	79
34	The Universe at $z > 10$ : predictions for JWST from the universe-machine DR1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5702-5718.	1.6	74
35	Cosmicflows Constrained Local Universe Simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2078-2090.	1.6	72
36	nFTy cosmology: Galaxy/halo mock catalogue comparison project on clustering statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 686-700.	1.6	71

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37	Astraeus I: the interplay between galaxy formation and reionization. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3698-3723.	1.6	69
38	The grouping, merging and survival of subhaloes in the simulated Local Group. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1899-1910.	1.6	67
39	nFTy galaxy cluster simulations â€“ I. Dark matter and non-radiative models. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4063-4080.	1.6	63
40	Comparing approximate methods for mock catalogues and covariance matrices â€“ I. Correlation function. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1786-1806.	1.6	63
41	The radial structure of galaxy groups and clusters. Monthly Notices of the Royal Astronomical Society, 2003, 346, 731-745.	1.6	62
42	The sizes of minivoids in the local Universe: an argument in favour of a warm dark matter model?. Monthly Notices of the Royal Astronomical Society, 2009, 399, 1611-1621.	1.6	62
43	Comparison of an X-ray-selected sample of massive lensing clusters with the MareNostrum $\Lambda$ CDM simulation. Astronomy and Astrophysics, 2011, 530, A17.	2.1	62
44	MultiDark-Galaxies: data release and first results. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5206-5231.	1.6	60
45	Cosmic variance of the local Hubble flow in large-scale cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1805-1812.	1.6	58
46	The imprint of reionization on the star formation histories of dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4207-4220.	1.6	58
47	TheThreeHundred project: backplash galaxies in simulations of clusters. Monthly Notices of the Royal Astronomical Society, 2020, 492, 6074-6085.	1.6	57
48	The <sc>hestia</sc> project: simulations of the Local Group. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2968-2983.	1.6	56
49	Comparing approximate methods for mock catalogues and covariance matrices â€“ III: bispectrum. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4883-4905.	1.6	55
50	Constraining the halo bispectrum in real and redshift space from perturbation theory and non-linear stochastic bias. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1836-1845.	1.6	54
51	UNIT project: Universe N-body simulations for the Investigation of Theoretical models from galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2019, 487, 48-59.	1.6	54
52	Mergers and the outside-in formation of dwarf spheroidals. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1185-1194.	1.6	53
53	The distribution of mass components in simulated disc galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 455, 476-483.	1.6	53
54	Comparing approximate methods for mock catalogues and covariance matrices II: power spectrum multipoles. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2806-2824.	1.6	53

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55	On the supernova heating of the intergalactic medium. Monthly Notices of the Royal Astronomical Society, 2000, 318, 227-238.	1.6	52
56	How many radio relics await discovery?. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2006-2019.	1.6	51
57	THE MORPHOLOGIES AND ALIGNMENTS OF GAS, MASS, AND THE CENTRAL GALAXIES OF CLASH CLUSTERS OF GALAXIES. Astrophysical Journal, 2016, 819, 36.	1.6	50
58	The shape-alignment relation in $\Lambda$ cold dark matter cosmic structures. Monthly Notices of the Royal Astronomical Society, 2006, 365, 539-547.	1.6	49
59	Statistics of extreme objects in the Juropa Hubble Volume simulation~.... Monthly Notices of the Royal Astronomical Society, 2014, 437, 3776-3786.	1.6	48
60	The luminosities of backplash galaxies in constrained simulations of the Local Group. Monthly Notices of the Royal Astronomical Society, 2011, 412, 529-536.	1.6	47
61	Clustering properties of $g$ -selected galaxies at $z \approx 0.8$ . Monthly Notices of the Royal Astronomical Society, 2016, 461, 3421-3431.	1.6	47
62	The Three Hundred Project: Correcting for the hydrostatic-equilibrium mass bias in X-ray and SZ surveys. Astronomy and Astrophysics, 2020, 634, A113.	2.1	46
63	nFTy galaxy cluster simulations II. Radiative models. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2973-2991.	1.6	45
64	VAST PLANES OF SATELLITES IN A HIGH-RESOLUTION SIMULATION OF THE LOCAL GROUP: COMPARISON TO ANDROMEDA. Astrophysical Journal, 2015, 800, 34.	1.6	44
65	TheThreeHundred Project: ram pressure and gas content of haloes and subhaloes in the phase-space plane. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3968-3983.	1.6	44
66	The MUSIC of galaxy clusters II. X-ray global properties and scaling relations. Monthly Notices of the Royal Astronomical Society, 2014, 439, 588-603.	1.6	42
67	Constrained Local Universe Simulations: a Local Group factory. Monthly Notices of the Royal Astronomical Society, 2016, 458, 900-911.	1.6	42
68	Mapping and characterization of cosmic filaments in galaxy cluster outskirts: strategies and forecasts for observations from simulations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5473-5491.	1.6	41
69	Exploring the hydrostatic mass bias in MUSIC clusters: application to the NIKA2 mock sample. Monthly Notices of the Royal Astronomical Society, 2021, 502, 5115-5133.	1.6	41
70	Radio relics in a cosmological cluster merger simulation. Monthly Notices of the Royal Astronomical Society, 2004, 347, 389-393.	1.6	40
71	Too small to succeed? Lighting up massive dark matter subhaloes of the Milky Way. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 417, L74-L78.	1.2	40
72	The Three Hundred Project: The evolution of galaxy cluster density profiles. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3390-3403.	1.6	40

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73	Imprints of mass accretion on properties of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2005, 362, 1099-1108.	1.6	39
74	nIFTy galaxy cluster simulations – IV. Quantifying the influence of baryons on halo properties. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4052-4073.	1.6	39
75	Can cluster merger shocks reproduce the luminosity and shape distribution of radio relics?. Monthly Notices of the Royal Astronomical Society, 2017, 470, 240-263.	1.6	39
76	Suppression of star formation in low-mass galaxies caused by the reionization of their local neighbourhood. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1740-1753.	1.6	39
77	Dark matter in the Local Universe. New Astronomy Reviews, 2014, 58, 1-18.	5.2	38
78	On the shape of dark matter haloes from MultiDark Planck simulations. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3226-3238.	1.6	37
79	The Jubilee ISW Project - II. Observed and simulated imprints of voids and superclusters on the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2014, 446, 1321-1334.	1.6	36
80	The Three Hundred project: dynamical state of galaxy clusters and morphology from multiwavelength synthetic maps. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5383-5400.	1.6	36
81	The dark matter assembly of the Local Group in constrained cosmological simulations of a $\Lambda$ cold dark matter universe. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1434-1443.	1.6	34
82	<sc>the threehundred</sc>: the structure and properties of cosmic filaments in the outskirts of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2021, 502, 714-727.	1.6	34
83	Size matters: the non-universal density profile of subhaloes in SPH simulations and implications for the Milky Way's dSphs. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1220-1229.	1.6	33
84	Self-similarity and universality of void density profiles in simulation and SDSS data. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3997-4009.	1.6	33
85	Accurate mass and velocity functions of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4157-4174.	1.6	33
86	Disentangling the dark matter halo from the stellar halo. Monthly Notices of the Royal Astronomical Society, 2011, 418, 336-345.	1.6	32
87	nIFTy galaxy cluster simulations – III. The similarity and diversity of galaxies and subhaloes. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1096-1116.	1.6	32
88	Clustering of quasars in the first year of the SDSS-IV eBOSS survey: interpretation and halo occupation distribution. Monthly Notices of the Royal Astronomical Society, 2017, 468, 728-740.	1.6	32
89	The Three Hundred Project: The Influence of Environment on Simulated Galaxy Properties. Astrophysical Journal, 2018, 868, 130.	1.6	32
90	Galactic ionizing photon budget during the epoch of reionization in the Cosmic Dawn II simulation. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4342-4357.	1.6	32

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91	Entropy of gas and dark matter in galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2007, 376, 1327-1334.	1.6	31
92	CLARA's view on the escape fraction of Lyman $\hat{\pm}$ photons in high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3666-3680.	1.6	31
93	Renegade subhaloes in the Local Group. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 417, L56-L60.	1.2	31
94	The Inhomogeneous Reionization Times of Present-day Galaxies. Astrophysical Journal Letters, 2018, 856, L22.	3.0	31
95	<scp>The Three Hundred</scp> project: The <scp>gizmo-simba</scp> run. Monthly Notices of the Royal Astronomical Society, 2022, 514, 977-996.	1.6	31
96	Spin alignment of dark matter haloes in the shells of the largest voids. Monthly Notices of the Royal Astronomical Society, 2008, 385, 867-874.	1.6	29
97	Hydrodynamical simulations of coupled and uncoupled quintessence models " I. Halo properties and the cosmic web. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2943-2957.	1.6	29
98	The evolution of the [O $\hat{\text{A}}$ ii], H $\hat{\text{A}}$ $\hat{\text{2}}$ and [O $\hat{\text{A}}$ iii] emission line luminosity functions over the last nine billions years. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1076-1087.	1.6	29
99	The Jubilee ISW project " I. Simulated ISW and weak lensing maps and initial power spectra results. Monthly Notices of the Royal Astronomical Society, 2014, 438, 412-425.	1.6	28
100	The large-scale environment from cosmological simulations " I. The baryonic cosmic web. Monthly Notices of the Royal Astronomical Society, 2018, 473, 68-79.	1.6	28
101	Adiabatic scaling relations of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2006, 371, 193-203.	1.6	27
102	CLUES on Fermi-LAT prospects for the extragalactic detection of $\hat{\text{1}}\hat{\text{4}}\hat{\text{1}}\hat{\text{2}}$ SSM gravitino dark matter. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 001-001.	1.9	27
103	Halo mass distribution reconstruction across the cosmic web. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4266-4276.	1.6	27
104	Kinetic Sunyaev-Zel'dovich effect in rotating galaxy clusters from MUSIC simulations. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4028-4040.	1.6	27
105	An inventory of galaxies in cosmic filaments feeding galaxy clusters: galaxy groups, backplash galaxies, and pristine galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 510, 581-592.	1.6	27
106	The relation between halo shape, velocity dispersion and formation time. Monthly Notices of the Royal Astronomical Society, 2010, 407, 581-589.	1.6	26
107	Halo abundance matching: accuracy and conditions for numerical convergence. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3693-3707.	1.6	26
108	On the relation between the radial alignment of dark matter subhaloes and host mass in cosmological simulations. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 386, L52-L56.	1.2	25



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109	The MUSIC of Galaxy Clusters – III. Properties, evolution and Y–M scaling relation of protoclusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 440, 3520-3531.	1.6	25
110	Morphological estimators on Sunyaev–Zel'dovich maps of MUSIC clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 477, 139-152.	1.6	24
111	The Three Hundred project: the stellar and gas profiles. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2930-2948.	1.6	24
112	The impact of baryonic physics on the shape and radial alignment of substructures in cosmological dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	23
113	MultiDarkLens Simulations: weak lensing light-cones and data base presentation. Monthly Notices of the Royal Astronomical Society, 2016, 461, 209-223.	1.6	23
114	How did the Virgo cluster form?. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2015-2024.	1.6	23
115	The quasi-linear nearby Universe. Nature Astronomy, 2018, 2, 680-687.	4.2	23
116	BULLET CLUSTERS IN THE MARENOSTRUM UNIVERSE. Astrophysical Journal, 2010, 725, 598-604.	1.6	22
117	Reionization of the Local Group of galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 413, 2093-2102.	1.6	22
118	Modelling the fraction of Lyman break galaxies with strong Lyman- $\alpha$ emission at. Monthly Notices of the Royal Astronomical Society, 2012, 419, 952-958.	1.6	22
119	N-body simulations with a cosmic vector for dark energy. Monthly Notices of the Royal Astronomical Society, 2012, 424, 699-715.	1.6	22
120	HIGH-RESOLUTION SIMULATIONS OF THE REIONIZATION OF AN ISOLATED MILKY WAY-M31 GALAXY PAIR. Astrophysical Journal, 2013, 777, 51.	1.6	22
121	The Three Hundred project: quest of clusters of galaxies morphology and dynamical state through Zernike polynomials. Monthly Notices of the Royal Astronomical Society, 2021, 503, 6155-6169.	1.6	22
122	The future of the local large scale structure: the roles of dark matter and dark energy. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 016-016.	1.9	20
123	Lyman- $\tau$ transmission properties of the intergalactic medium in the CoDall simulation. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3697-3709.	1.6	20
124	The local Hubble flow: is it a manifestation of dark energy?. Monthly Notices of the Royal Astronomical Society, 2008, 386, 390-396.	1.6	19
125	DARK MATTER DECAY AND ANNIHILATION IN THE LOCAL UNIVERSE: CLUES FROM <i>FERMI</i>. Astrophysical Journal Letters, 2011, 726, L6.	3.0	19
126	THE EFFECT OF ENVIRONMENT ON MILKY-WAY-MASS GALAXIES IN A CONSTRAINED SIMULATION OF THE LOCAL GROUP. Astrophysical Journal Letters, 2015, 800, L4.	3.0	18



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127	Cosmic filaments in galaxy cluster outskirts: quantifying finding filaments in redshift space. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2065-2076.	1.6	18
128	<scp>cosmic birth</scp>: efficient Bayesian inference of the evolving cosmic web from galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3456-3475.	1.6	18
129	Constrained simulations of the local universe - II. The nature of the local Hubble flow. Monthly Notices of the Royal Astronomical Society, 2009, 397, 2070-2080.	1.6	17
130	Vector dark energy and high-z massive clusters. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2715-2719.	1.6	17
131	Cold versus Warm Dark Matter Simulations of a Galaxy Group. Publications of the Astronomical Society of Australia, 2013, 30, .	1.3	17
132	TURNING AROUND ALONG THE COSMIC WEB. Astrophysical Journal, 2016, 832, 185.	1.6	17
133	Hunting down systematics in baryon acoustic oscillations after cosmic high noon. Monthly Notices of the Royal Astronomical Society, 2016, 458, 613-623.	1.6	17
134	Clustering with JWST: Constraining galaxy host halo masses, satellite quenching efficiencies, and merger rates at $z \sim 10$ . Monthly Notices of the Royal Astronomical Society, 2020, 493, 1178-1196.	1.6	17
135	THE REIONIZATION OF GALACTIC SATELLITE POPULATIONS. Astrophysical Journal, 2014, 794, 20.	1.6	16
136	nIFTy galaxy cluster simulations V. Investigation of the cluster infall region. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2027-2038.	1.6	16
137	Constrained Local Universe Simulations (CLUES). , 2010, , 309-322.		16
138	Is WMAP3 Normalization Compatible with the X-Ray Cluster Abundance?. Astrophysical Journal, 2007, 666, L61-L64.	1.6	15
139	Hydrodynamical simulations of coupled and uncoupled quintessence models II. Galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2958-2969.	1.6	15
140	The Milky Way and Andromeda galaxies in a constrained hydrodynamical simulation: morphological evolution. Astronomy and Astrophysics, 2015, 577, A3.	2.1	15
141	GALAXY THREE-POINT CORRELATION FUNCTIONS AND HALO/SUBHALO MODELS. Astrophysical Journal, 2016, 831, 3.	1.6	15
142	On the coherent rotation of diffuse matter in numerical simulations of clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2584-2594.	1.6	15
143	Prediction of $H\alpha$ and $[OIII]$ emission line galaxy number counts for future galaxy redshift surveys. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3667-3678.	1.6	15
144	<scp>The Three Hundred</scp> project: the gas disruption of infalling objects in cluster environments. Monthly Notices of the Royal Astronomical Society, 2021, 501, 5029-5041.	1.6	15

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145	Constrained simulations of the local universe – I. Mass and motion in the local volume. Monthly Notices of the Royal Astronomical Society, 2007, 378, 1601-1608.	1.6	14
146	Applying scale-free mass estimators to the Local Group in Constrained Local Universe Simulations. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1883-1895.	1.6	14
147	THE KINEMATICS OF THE LOCAL GROUP IN A COSMOLOGICAL CONTEXT. Astrophysical Journal Letters, 2013, 767, L5.	3.0	14
148	Pushing down the low-mass halo concentration frontier with the Lomonosov cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4918-4927.	1.6	14
149	Dark matter simulations with primordial black holes in the early Universe. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4854-4862.	1.6	14
150	Astraeus – II. Quantifying the impact of cosmic variance during the Epoch of Reionization. Monthly Notices of the Royal Astronomical Society, 2021, 506, 202-214.	1.6	14
151	The Clustering of Galaxies in the Completed SDSS-III Baryon Oscillation Spectroscopic Survey: Cosmic Flows and Cosmic Web from Luminous Red Galaxies. Monthly Notices of the Royal Astronomical Society, 0, , stx178.	1.6	13
152	The Three Hundred Project: Substructure in hydrodynamical and dark matter simulations of galaxy groups around clusters. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1191-1204.	1.6	13
153	An 8-mm diameter fibre robot positioner for massive spectroscopy surveys. Monthly Notices of the Royal Astronomical Society, 2015, 450, 794-806.	1.6	12
154	Accurate halo galaxy mocks from automatic bias estimation and particle mesh gravity solvers. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4144-4154.	1.6	12
155	The bias of dark matter tracers: assessing the accuracy of mapping techniques. Monthly Notices of the Royal Astronomical Society, 2020, 493, 586-593.	1.6	12
156	Galaxy velocity bias in cosmological simulations: towards per cent-level calibration. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2980-2997.	1.6	12
157	Reionization of the Milky Way, M31, and their satellites – I. Reionization history and star formation. Monthly Notices of the Royal Astronomical Society, 2018, 477, 867-881.	1.6	11
158	Improving baryon acoustic oscillation measurement with the combination of cosmic voids and galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4554-4572.	1.6	11
159	CLUMP-3D: the lack of non-thermal motions in galaxy cluster cores. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4338-4344.	1.6	11
160	Linear bias and halo occupation distribution of emission-line galaxies from <i>Nancy Grace Roman Space Telescope</i>. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2784-2800.	1.6	11
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