

# Gustavo Yepes

## List of Publications by Year in descending order

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209  
papers

11,170  
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36299

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216  
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5578  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Morphological analysis of SZ and X-ray maps of galaxy clusters with Zernike polynomials. EPJ Web of Conferences, 2022, 257, 00008.   | 0.3 | 1         |
| 2  | Mass Estimation of Planck Galaxy Clusters using Deep Learning. EPJ Web of Conferences, 2022, 257, 00013.   | 0.3 | 4         |
| 3  | The three hundred project: galaxy cluster mergers and their impact on the stellar component of brightest cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2897-2913.      | 4.4 | 9         |
| 4  | Velocity dispersion vs cluster mass: A new scaling law with The Three Hundred clusters. EPJ Web of Conferences, 2022, 257, 00018.  | 0.3 | 5         |
| 5  | Numerical simulations of bar formation in the Local Group. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2423-2433.  | 4.4 | 4         |
| 6  | The hydrostatic mass bias in The Three Hundred clusters. EPJ Web of Conferences, 2022, 257, 00020.   | 0.3 | 5         |
| 7  | Cosmic filaments delay quenching inside clusters. Monthly Notices of the Royal Astronomical Society, 2022, 512, 926-944.   | 4.4 | 10        |
| 8  | NIHAO-LG: the uniqueness of Local Group dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 512, 6134-6149.   | 4.4 | 6         |
| 9  | Galaxy velocity bias in cosmological simulations: towards per cent-level calibration. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2980-2997.   | 4.4 | 12        |
| 10 | Brightest cluster galaxies trace weak lensing mass bias and halo triaxiality in the three hundred project. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2178-2193.                      | 4.4 | 7         |
| 11 | A machine learning approach to correct for mass resolution effects in simulated halo clustering statistics. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4318-4331.                     | 4.4 | 2         |
| 12 | <scp>The Three Hundred</scp> project: The <scp>gizmo-simba</scp> run. Monthly Notices of the Royal Astronomical Society, 2022, 514, 977-996.   | 4.4 | 31        |
| 13 | A stochastic model to reproduce the star formation history of individual galaxies in hydrodynamic simulations. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3249-3269.                  | 4.4 | 3         |
| 14 | <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.                          | 4.4 | 15        |
| 15 | 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.                                    | 4.4 | 41        |
| 16 | Cosmic filaments in galaxy cluster outskirts: quantifying finding filaments in redshift space. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2065-2076.                                  | 4.4 | 18        |
| 17 | Astraeus I: the interplay between galaxy formation and reionization. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3698-3723.  | 4.4 | 69        |
| 18 | l â€œ A hydrodynamical <scp>clone</scp> of the Virgo cluster of galaxies to confirm observationally driven formation scenarios. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2998-3012. | 4.4 | 9         |

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|----|--|-----|-----------|
| 19 | The Three Hundred project: dynamical state of galaxy clusters and morphology from multiwavelength synthetic maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5383-5400.                         | 4.4 | 36        |
| 20 | CLUMP-3D: the lack of non-thermal motions in galaxy cluster cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4338-4344.  | 4.4 | 11        |
| 21 | Astraeus II. Quantifying the impact of cosmic variance during the Epoch of Reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 202-214.  | 4.4 | 14        |
| 22 | Astraeus III. The environment and physical properties of reionization sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 215-228.  | 4.4 | 9         |
| 23 | Linear bias and halo occupation distribution of emission-line galaxies from <i>&lt;i&gt;Nancy Grace Roman Space Telescope&lt;/i&gt;</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2784-2800. | 4.4 | 11        |
| 24 | Lyman- $\tau$ transmission properties of the intergalactic medium in the CoDaII simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3697-3709.   | 4.4 | 20        |
| 25 | The Three Hundred Project: Substructure in hydrodynamical and dark matter simulations of galaxy groups around clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1191-1204.                   | 4.4 | 13        |
| 26 | <i>&lt;scp&gt;cosmic birth&lt;/scp&gt;</i> : efficient Bayesian inference of the evolving cosmic web from galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3456-3475.                 | 4.4 | 18        |
| 27 | <i>&lt;scp&gt;the threehundred&lt;/scp&gt;</i> : the structure and properties of cosmic filaments in the outskirts of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 714-727.      | 4.4 | 34        |
| 28 | The Three Hundred project: quest of clusters of galaxies morphology and dynamical state through Zernike polynomials. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 6155-6169.                      | 4.4 | 22        |
| 29 | Clustering in the simulated $H\alpha$ galaxy redshift survey from <i>&lt;i&gt;Nancy Grace Roman Space Telescope&lt;/i&gt;</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3490-3501.           | 4.4 | 7         |
| 30 | Astraeus IV: quantifying the star formation histories of galaxies in the Epoch of Reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 595-613.   | 4.4 | 9         |
| 31 | $H\alpha$ IM correlation function from UNIT simulations: BAO and observationally induced anisotropy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 292-308.  | 4.4 | 6         |
| 32 | An inventory of galaxies in cosmic filaments feeding galaxy clusters: galaxy groups, backplash galaxies, and pristine galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 581-592.             | 4.4 | 27        |
| 33 | Mapping and characterization of cosmic filaments in galaxy cluster outskirts: strategies and forecasts for observations from simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5473-5491. | 4.4 | 41        |
| 34 | Protoclusters at $z = 5.7$ : a view from the MultiDark galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5220-5228.  | 4.4 | 2         |
| 35 | 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.  | 4.4 | 89        |
| 36 | Galactic ionizing photon budget during the epoch of reionization in the Cosmic Dawn II simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4342-4357.  | 4.4 | 32        |

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|----|--|-----|-----------|
| 37 | The Three Hundred project: the stellar and gas profiles. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2930-2948.  | 4.4 | 24        |
| 38 | The <sc>hestia</sc> project: simulations of the Local Group. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2968-2983.  | 4.4 | 56        |
| 39 | The past history of galaxy clusters told by their present neighbours. Monthly Notices of the Royal Astronomical Society, 2020, 496, 5139-5148.   | 4.4 | 6         |
| 40 | Dark matter simulations with primordial black holes in the early Universe. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4854-4862.  | 4.4 | 14        |
| 41 | TheThreeHundred project: backslash galaxies in simulations of clusters. Monthly Notices of the Royal Astronomical Society, 2020, 492, 6074-6085.   | 4.4 | 57        |
| 42 | Confirmation of NIKAE2 investigation of the Sunyaev-Zel'dovich effect by using synthetic clusters of galaxies. EPJ Web of Conferences, 2020, 228, 00008.   | 0.3 | 2         |
| 43 | The Three Hundred Project: Correcting for the hydrostatic-equilibrium mass bias in X-ray and SZ surveys. Astronomy and Astrophysics, 2020, 634, A113.  | 5.1 | 46        |
| 44 | Improving baryon acoustic oscillation measurement with the combination of cosmic voids and galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 491, 4554-4572.                            | 4.4 | 11        |
| 45 | The bias of dark matter tracers: assessing the accuracy of mapping techniques. Monthly Notices of the Royal Astronomical Society, 2020, 493, 586-593.  | 4.4 | 12        |
| 46 | 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. | 4.4 | 17        |
| 47 | The Universe at $z > 10$ : predictions for JWST from the <sc>universe-machine</sc> DR1. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5702-5718.   | 4.4 | 74        |
| 48 | Biasing Relation, Environmental Dependencies, and Estimation of the Growth Rate from Star-forming Galaxies. Astrophysical Journal, 2020, 905, 47.  | 4.5 | 3         |
| 49 | Associations of dwarf galaxies in a $\Lambda$ CDM Universe. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5932-5940.   | 4.4 | 2         |
| 50 | 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.                     | 4.4 | 15        |
| 51 | The origin of lopsided satellite galaxy distribution in galaxy pairs. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3100-3108.   | 4.4 | 8         |
| 52 | Comparing approximate methods for mock catalogues and covariance matrices III: bispectrum. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4883-4905.                                      | 4.4 | 55        |
| 53 | Comparing approximate methods for mock catalogues and covariance matrices I. Correlation function. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1786-1806.                              | 4.4 | 63        |
| 54 | 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.                          | 4.4 | 54        |

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| 55 | Comparing approximate methods for mock catalogues and covariance matrices II: power spectrum multipoles. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2806-2824.                                | 4.4  | 53        |
| 56 | <scp>TheThreeHundred</scp> 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.                      | 4.4  | 44        |
| 57 | On the Mass Assembly History of the Local Group. Monthly Notices of the Royal Astronomical Society, 2019, , .  | 4.4  | 9         |
| 58 | The Three Hundred Project: The evolution of galaxy cluster density profiles. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3390-3403.  | 4.4  | 40        |
| 59 | MultiDark-Galaxies: data release and first results. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5206-5231.   | 4.4  | 60        |
| 60 | Tracing the cosmic web. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1195-1217.   | 4.4  | 187       |
| 61 | The large-scale environment from cosmological simulations â€“ I. The baryonic cosmic web. Monthly Notices of the Royal Astronomical Society, 2018, 473, 68-79.   | 4.4  | 28        |
| 62 | The Three Hundred Project: The Influence of Environment on Simulated Galaxy Properties. Astrophysical Journal, 2018, 868, 130.   | 4.5  | 32        |
| 63 | 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.                             | 4.4  | 39        |
| 64 | Reionization of the Milky Way, M31, and their satellites â€“ I. Reionization history and star formation. Monthly Notices of the Royal Astronomical Society, 2018, 477, 867-881.                                  | 4.4  | 11        |
| 65 | Morphological estimators on Sunyaevâ€“Zel'dovich maps of MUSIC clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 477, 139-152.  | 4.4  | 24        |
| 66 | The Inhomogeneous Reionization Times of Present-day Galaxies. Astrophysical Journal Letters, 2018, 856, L22.   | 8.3  | 31        |
| 67 | Semi-analytic galaxies â€“ I. Synthesis of environmental and star-forming regulation mechanisms. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2-24.   | 4.4  | 95        |
| 68 | The quasi-linear nearby Universe. Nature Astronomy, 2018, 2, 680-687.  | 10.1 | 23        |
| 69 | The Three Hundred project: a large catalogue of theoretically modelled galaxy clusters for cosmological and astrophysical applications. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2898-2915. | 4.4  | 131       |
| 70 | Kinetic Sunyaevâ€“Zelâ€™dovich effect in rotating galaxy clusters from MUSIC simulations. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4028-4040.   | 4.4  | 27        |
| 71 | Accurate mass and velocity functions of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4157-4174.   | 4.4  | 33        |
| 72 | Can cluster merger shocks reproduce the luminosity and shape distribution of radio relics?. Monthly Notices of the Royal Astronomical Society, 2017, 470, 240-263.   | 4.4  | 39        |

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|----|--|-----|-----------|
| 73 | nIFTy galaxy cluster simulations – V. Investigation of the cluster infall region. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2027-2038.   | 4.4 | 16        |
| 74 | On the shape of dark matter haloes from MultiDark Planck simulations. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3226-3238.   | 4.4 | 37        |
| 75 | Clustering of quasars in the first year of the SDSS-IV eBOSS survey: interpretation and halo occupation distribution. Monthly Notices of the Royal Astronomical Society, 2017, 468, 728-740.                         | 4.4 | 32        |
| 76 | Universal subhalo accretion in cold and warm dark matter cosmologies. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4099-4109.   | 4.4 | 5         |
| 77 | Pushing down the low-mass halo concentration frontier with the Lomonosov cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4918-4927.  | 4.4 | 14        |
| 78 | Accurate halo galaxy mocks from automatic bias estimation and particle mesh gravity solvers. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4144-4154.  | 4.4 | 12        |
| 79 | 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.  | 4.4 | 15        |
| 80 | TURNING AROUND ALONG THE COSMIC WEB. Astrophysical Journal, 2016, 832, 185.  | 4.5 | 17        |
| 81 | Modelling galaxy clustering: halo occupation distribution versus subhalo matching. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3040-3058.  | 4.4 | 79        |
| 82 | MultiDark simulations: the story of dark matter halo concentrations and density profiles. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4340-4359.   | 4.4 | 687       |
| 83 | The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: mock galaxy catalogues for the BOSS Final Data Release. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4156-4173. | 4.4 | 213       |
| 84 | The tangential velocity of M31: CLUES from constrained simulations. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 460, L5-L9.  | 3.3 | 9         |
| 85 | nIFTy galaxy cluster simulations – II. Radiative models. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2973-2991.  | 4.4 | 45        |
| 86 | MultiDarkLens Simulations: weak lensing light-cones and data base presentation. Monthly Notices of the Royal Astronomical Society, 2016, 461, 209-223.   | 4.4 | 23        |
| 87 | Clustering properties of $g$ -selected galaxies at $z \approx 0.8$ . Monthly Notices of the Royal Astronomical Society, 2016, 461, 3421-3431.  | 4.4 | 47        |
| 88 | Cosmic Dawn (CoDa): the first radiation-hydrodynamics simulation of reionization and galaxy formation in the Local Universe. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1462-1485.                | 4.4 | 163       |
| 89 | GALAXY THREE-POINT CORRELATION FUNCTIONS AND HALO/SUBHALO MODELS. Astrophysical Journal, 2016, 831, 3.   | 4.5 | 15        |
| 90 | The evolution of the $[O\text{II}]$ , $H\alpha$ and $[O\text{III}]$ emission line luminosity functions over the last nine billions years. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1076-1087.   | 4.4 | 29        |

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| 91  | Cosmicflows Constrained Local Universe Simulations. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2078-2090.   | 4.4 | 72        |
| 92  | 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. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1173-1187. | 4.4 | 150       |
| 93  | Hunting down systematics in baryon acoustic oscillations after cosmic high noon. Monthly Notices of the Royal Astronomical Society, 2016, 458, 613-623.  | 4.4 | 17        |
| 94  | nIFTY galaxy cluster simulations III. The similarity and diversity of galaxies and subhaloes. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1096-1116.   | 4.4 | 32        |
| 95  | nIFTy galaxy cluster simulations IV. Quantifying the influence of baryons on halo properties. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4052-4073.   | 4.4 | 39        |
| 96  | How did the Virgo cluster form?. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2015-2024.  | 4.4 | 23        |
| 97  | nIFTy galaxy cluster simulations I. Dark matter and non-radiative models. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4063-4080.   | 4.4 | 63        |
| 98  | Mergers and the outside-in formation of dwarf spheroidals. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1185-1194.  | 4.4 | 53        |
| 99  | The Low Redshift survey at Calar Alto (LoRCA). Monthly Notices of the Royal Astronomical Society, 2016, 458, 2940-2952.  | 4.4 | 3         |
| 100 | Constrained Local Universe Simulations: a Local Group factory. Monthly Notices of the Royal Astronomical Society, 2016, 458, 900-911.  | 4.4 | 42        |
| 101 | The distribution of mass components in simulated disc galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 455, 476-483.   | 4.4 | 53        |
| 102 | THE MORPHOLOGIES AND ALIGNMENTS OF GAS, MASS, AND THE CENTRAL GALAXIES OF CLASH CLUSTERS OF GALAXIES. Astrophysical Journal, 2016, 819, 36.  | 4.5 | 50        |
| 103 | Redshift-space clustering of SDSS galaxies luminosity dependence, halo occupation distribution, and velocity bias. Monthly Notices of the Royal Astronomical Society, 2015, 453, 4369-4384.  | 4.4 | 90        |
| 104 | Halo mass distribution reconstruction across the cosmic web. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4266-4276.  | 4.4 | 27        |
| 105 | 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.  | 4.4 | 54        |
| 106 | The Milky Way and Andromeda galaxies in a constrained hydrodynamical simulation: morphological evolution. Astronomy and Astrophysics, 2015, 577, A3.   | 5.1 | 15        |
| 107 | The imprint of reionization on the star formation histories of dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4207-4220.  | 4.4 | 58        |
| 108 | EZmocks: extending the Zel'dovich approximation to generate mock galaxy catalogues with accurate clustering statistics. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2621-2628.   | 4.4 | 117       |

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|-----|---|-----|-----------|
| 109 | Self-similarity and universality of void density profiles in simulation and SDSS data. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3997-4009.                                       | 4.4 | 33        |
| 110 | An 8-mm diameter fibre robot positioner for massive spectroscopy surveys. Monthly Notices of the Royal Astronomical Society, 2015, 450, 794-806.  | 4.4 | 12        |
| 111 | THE EFFECT OF ENVIRONMENT ON MILKY-WAY-MASS GALAXIES IN A CONSTRAINED SIMULATION OF THE LOCAL GROUP. Astrophysical Journal Letters, 2015, 800, L4.  | 8.3 | 18        |
| 112 | VAST PLANES OF SATELLITES IN A HIGH-RESOLUTION SIMULATION OF THE LOCAL GROUP: COMPARISON TO ANDROMEDA. Astrophysical Journal, 2015, 800, 34.  | 4.5 | 44        |
| 113 | Halo abundance matching: accuracy and conditions for numerical convergence. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3693-3707.  | 4.4 | 26        |
| 114 | nFTy cosmology: Galaxy/halo mock catalogue comparison project on clustering statistics. Monthly Notices of the Royal Astronomical Society, 2015, 452, 686-700.  | 4.4 | 71        |
| 115 | Ram pressure statistics for bent tail radio galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 446, 3310-3318.  | 4.4 | 8         |
| 116 | Universal void density profiles from simulation and SDSS. Proceedings of the International Astronomical Union, 2014, 11, 542-545.   | 0.0 | 6         |
| 117 | The ISW imprints of voids and superclusters on the CMB. Proceedings of the International Astronomical Union, 2014, 11, 580-584.   | 0.0 | 0         |
| 118 | THE MUSIC OF CLASH: PREDICTIONS ON THE CONCENTRATION-MASS RELATION. Astrophysical Journal, 2014, 797, 34.   | 4.5 | 115       |
| 119 | The MUSIC of galaxy clusters â€“ II. X-ray global properties and scaling relations. Monthly Notices of the Royal Astronomical Society, 2014, 439, 588-603.  | 4.4 | 42        |
| 120 | The Jubilee ISW project â€“ I. Simulated ISW and weak lensing maps and initial power spectra results. Monthly Notices of the Royal Astronomical Society, 2014, 438, 412-425.                          | 4.4 | 28        |
| 121 | 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. | 4.4 | 36        |
| 122 | THE REIONIZATION OF GALACTIC SATELLITE POPULATIONS. Astrophysical Journal, 2014, 794, 20.   | 4.5 | 16        |
| 123 | The MUSIC of Galaxy Clusters â€“ III. Properties, evolution and Yâ€“M scaling relation of protoclusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 440, 3520-3531.         | 4.4 | 25        |
| 124 | Statistics of extreme objects in the Juropa Hubble Volume simulationâ€“.... Monthly Notices of the Royal Astronomical Society, 2014, 437, 3776-3786.  | 4.4 | 48        |
| 125 | Modelling baryon acoustic oscillations with perturbation theory and stochastic halo biasing. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 439, L21-L25.                          | 3.3 | 134       |
| 126 | Hydrodynamical simulations of coupled and uncoupled quintessence models â€“ I. Halo properties and the cosmic web. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2943-2957.           | 4.4 | 29        |



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|-----|--|------|-----------|
| 127 | Hydrodynamical simulations of coupled and uncoupled quintessence models – II. Galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2958-2969.                              | 4.4  | 15        |
| 128 | Dark matter in the Local Universe. New Astronomy Reviews, 2014, 58, 1-18.  | 12.8 | 38        |
| 129 | Cosmic variance of the local Hubble flow in large-scale cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1805-1812.   | 4.4  | 58        |
| 130 | THE STELLAR-TO-HALO MASS RELATION FOR LOCAL GROUP GALAXIES. Astrophysical Journal Letters, 2014, 784, L14.   | 8.3  | 87        |
| 131 | THE KINEMATICS OF THE LOCAL GROUP IN A COSMOLOGICAL CONTEXT. Astrophysical Journal Letters, 2013, 767, L5.   | 8.3  | 14        |
| 132 | HIGH-RESOLUTION SIMULATIONS OF THE REIONIZATION OF AN ISOLATED MILKY WAY-M31 GALAXY PAIR. Astrophysical Journal, 2013, 777, 51.  | 4.5  | 22        |
| 133 | DWARF GALAXIES AND THE COSMIC WEB. Astrophysical Journal Letters, 2013, 763, L41.  | 8.3  | 94        |
| 134 | The MUSIC of galaxy clusters – I. Baryon properties and scaling relations of the thermal Sunyaev-Zel'dovich effect. Monthly Notices of the Royal Astronomical Society, 2013, 429, 323-343.           | 4.4  | 89        |
| 135 | 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. | 4.4  | 33        |
| 136 | Cold versus Warm Dark Matter Simulations of a Galaxy Group. Publications of the Astronomical Society of Australia, 2013, 30, .   | 3.4  | 17        |
| 137 | The halo mass function through the cosmic ages. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1230-1245.   | 4.4  | 197       |
| 138 | The evolution of the $\langle Y \rangle$ – $\langle M \rangle$ scaling relation in MUSIC clusters. Astronomische Nachrichten, 2013, 334, 441-444.  | 1.2  | 1         |
| 139 | CLUES on Fermi-LAT prospects for the extragalactic detection of $\hat{1}/4\hat{1}/2$ SSM gravitino dark matter. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 001-001.                 | 5.4  | 27        |
| 140 | A kinematic classification of the cosmic web. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2049-2057.   | 4.4  | 139       |
| 141 | Modelling the fraction of Lyman break galaxies with strong Lyman- $\alpha$ emission at. Monthly Notices of the Royal Astronomical Society, 2012, 419, 952-958.                                       | 4.4  | 22        |
| 142 | How many radio relics await discovery?. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2006-2019.   | 4.4  | 51        |
| 143 | The cosmic web and the orientation of angular momenta. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 421, L137-L141.   | 3.3  | 89        |
| 144 | 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.                           | 4.4  | 14        |

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