

# Carlton Baugh

## List of Publications by Year in descending order

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Version: 2024-02-01

294  
papers

30,238  
citations

5876

81  
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4870

168  
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296  
all docs

296  
docs citations

296  
times ranked

8426  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Breaking the hierarchy of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2006, 370, 645-655.  | 1.6  | 1,960     |
| 2  | The 2dF Galaxy Redshift Survey: power-spectrum analysis of the final data set and cosmological implications. Monthly Notices of the Royal Astronomical Society, 2005, 362, 505-534.       | 1.6  | 1,599     |
| 3  | Hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2002, 319, 168-204.   | 1.6  | 1,523     |
| 4  | The 2dF galaxy redshift survey: near-infrared galaxy luminosity functions. Monthly Notices of the Royal Astronomical Society, 2001, 326, 255-273.   | 1.6  | 794       |
| 5  | What Shapes the Luminosity Function of Galaxies?. Astrophysical Journal, 2003, 599, 38-49.  | 1.6  | 725       |
| 6  | The 2dF Galaxy Redshift Survey: the power spectrum and the matter content of the Universe. Monthly Notices of the Royal Astronomical Society, 2001, 327, 1297-1306.                       | 1.6  | 672       |
| 7  | The 2dF Galaxy Redshift Survey: correlation functions, peculiar velocities and the matter density of the Universe. Monthly Notices of the Royal Astronomical Society, 2003, 346, 78-96.   | 1.6  | 664       |
| 8  | Theoretical Models of the Halo Occupation Distribution: Separating Central and Satellite Galaxies. Astrophysical Journal, 2005, 633, 791-809.   | 1.6  | 652       |
| 9  | The 2dF Galaxy Redshift Survey: the environmental dependence of galaxy star formation rates near clusters. Monthly Notices of the Royal Astronomical Society, 2002, 334, 673-683.         | 1.6  | 622       |
| 10 | Can the faint submillimetre galaxies be explained in the $\Lambda$ cold dark matter model?. Monthly Notices of the Royal Astronomical Society, 2005, 356, 1191-1200.                      | 1.6  | 574       |
| 11 | A measurement of the cosmological mass density from clustering in the 2dF Galaxy Redshift Survey. Nature, 2001, 410, 169-173.   | 13.7 | 545       |
| 12 | The 2dF Galaxy Redshift Survey: the bias of galaxies and the density of the Universe. Monthly Notices of the Royal Astronomical Society, 2002, 335, 432-440.                              | 1.6  | 504       |
| 13 | Galaxy ecology: groups and low-density environments in the SDSS and 2dFGRS. Monthly Notices of the Royal Astronomical Society, 2004, 348, 1355-1372.                                      | 1.6  | 443       |
| 14 | A primer on hierarchical galaxy formation: the semi-analytical approach. Reports on Progress in Physics, 2006, 69, 3101-3156.   | 8.1  | 440       |
| 15 | The 2dF Galaxy Redshift Survey: the dependence of galaxy clustering on luminosity and spectral type. Monthly Notices of the Royal Astronomical Society, 2002, 332, 827-838.               | 1.6  | 411       |
| 16 | The nature of galaxy bias and clustering. Monthly Notices of the Royal Astronomical Society, 2000, 311, 793-808.  | 1.6  | 398       |
| 17 | Scaling relations for galaxy clusters in the Millennium-XXL simulation. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2046-2062.  | 1.6  | 375       |
| 18 | The 2dF Galaxy Redshift Survey: the b <sub>J</sub> -band galaxy luminosity function and survey selection function. Monthly Notices of the Royal Astronomical Society, 2002, 336, 907-931. | 1.6  | 371       |

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|----|--|-----|-----------|
| 19 | The 2dF Galaxy Redshift Survey: luminosity dependence of galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2001, 328, 64-70.   | 1.6 | 362       |
| 20 | Evolution of the Hubble sequence in hierarchical models for galaxy formation. Monthly Notices of the Royal Astronomical Society, 1996, 283, 1361-1378.   | 1.6 | 359       |
| 21 | The effects of photoionization on galaxy formation - I. Model and results at $z=0$ . Monthly Notices of the Royal Astronomical Society, 2002, 333, 156-176.  | 1.6 | 355       |
| 22 | Science with ASKAP. Experimental Astronomy, 2008, 22, 151-273.   | 1.6 | 332       |
| 23 | The Epoch of Galaxy Formation. Astrophysical Journal, 1998, 498, 504-521.  | 1.6 | 329       |
| 24 | The effects of photoionization on galaxy formation - II. Satellite galaxies in the Local Group. Monthly Notices of the Royal Astronomical Society, 2002, 333, 177-190.   | 1.6 | 314       |
| 25 | The Halo Occupation Distribution and the Physics of Galaxy Formation. Astrophysical Journal, 2003, 593, 1-25.  | 1.6 | 307       |
| 26 | Galaxy groups in the 2dFGRS: the group-finding algorithm and the 2PIGG catalogue. Monthly Notices of the Royal Astronomical Society, 2004, 348, 866-878.   | 1.6 | 307       |
| 27 | A unified multiwavelength model of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3854-3911.  | 1.6 | 290       |
| 28 | Statistical analysis of galaxy surveys - I. Robust error estimation for two-point clustering statistics. Monthly Notices of the Royal Astronomical Society, 2009, 396, 19-38.  | 1.6 | 283       |
| 29 | The 2dF Galaxy Redshift Survey: galaxy luminosity functions per spectral type. Monthly Notices of the Royal Astronomical Society, 2002, 333, 133-144.  | 1.6 | 280       |
| 30 | Parameter constraints for flat cosmologies from cosmic microwave background and 2dFGRS power spectra. Monthly Notices of the Royal Astronomical Society, 2002, 337, 1068-1080.   | 1.6 | 275       |
| 31 | The colours of satellite galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1619-1629.   | 1.6 | 265       |
| 32 | The Infrared Side of Galaxy Formation. I. The Local Universe in the Semianalytical Framework. Astrophysical Journal, 2000, 542, 710-730.   | 1.6 | 234       |
| 33 | Science with the Australian Square Kilometre Array Pathfinder. Publications of the Astronomical Society of Australia, 2007, 24, 174-188.   | 1.3 | 231       |
| 34 | Evidence for a non-zero and a low matter density from a combined analysis of the 2dF Galaxy Redshift Survey and cosmic microwave background anisotropies. Monthly Notices of the Royal Astronomical Society, 2002, 330, L29-L35. | 1.6 | 227       |
| 35 | Grand unification of AGN activity in the $\Lambda$ CDM cosmology. Monthly Notices of the Royal Astronomical Society, 2011, 410, 53-74.   | 1.6 | 217       |
| 36 | The 2dF Galaxy Redshift Survey: luminosity functions by density environment and galaxy type. Monthly Notices of the Royal Astronomical Society, 2005, 356, 1155-1167.  | 1.6 | 216       |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Cosmic evolution of the atomic and molecular gas contents of galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1649-1667.   | 1.6 | 211       |
| 38 | The 2dF Galaxy Redshift Survey: spherical harmonics analysis of fluctuations in the final catalogue. Monthly Notices of the Royal Astronomical Society, 2004, 353, 1201-1218.                                 | 1.6 | 198       |
| 39 | The three-dimensional power spectrum measured from the APM Galaxy Survey - I. Use of the angular correlation function. Monthly Notices of the Royal Astronomical Society, 1993, 265, 145-156.                 | 1.6 | 182       |
| 40 | On the formation of globular cluster systems in a hierarchical Universe. Monthly Notices of the Royal Astronomical Society, 2002, 333, 383-399.   | 1.6 | 181       |
| 41 | The 2dF Galaxy Redshift Survey: the amplitudes of fluctuations in the 2dFGRS and the CMB, and implications for galaxy biasing. Monthly Notices of the Royal Astronomical Society, 2002, 333, 961-968.         | 1.6 | 174       |
| 42 | The 2dF Galaxy Redshift Survey: galaxy clustering per spectral type. Monthly Notices of the Royal Astronomical Society, 2003, 344, 847-856.   | 1.6 | 170       |
| 43 | Cosmological parameters from cosmic microwave background measurements and the final 2dF Galaxy Redshift Survey power spectrum. Monthly Notices of the Royal Astronomical Society, 2006, 366, 189-207.         | 1.6 | 160       |
| 44 | The detectability of baryonic acoustic oscillations in future galaxy surveys. Monthly Notices of the Royal Astronomical Society, 0, 383, 755-776.   | 1.6 | 156       |
| 45 | The evolution of active galactic nuclei across cosmic time: what is downsizing?. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2797-2820.   | 1.6 | 156       |
| 46 | How sensitive are predicted galaxy luminosities to the choice of stellar population synthesis model?. Monthly Notices of the Royal Astronomical Society, 2014, 439, 264-283.                                  | 1.6 | 156       |
| 47 | The 2dF Galaxy Redshift Survey: the luminosity function of cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2003, 342, 725-737.   | 1.6 | 151       |
| 48 | New Upper Limit on the Total Neutrino Mass from the 2 Degree Field Galaxy Redshift Survey. Physical Review Letters, 2002, 89, 061301.   | 2.9 | 146       |
| 49 | On the impact of empirical and theoretical star formation laws on galaxy formation. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1566-1584.  | 1.6 | 139       |
| 50 | Lightcone mock catalogues from semi-analytic models of galaxy formation – I. Construction and application to the BzK colour selection. Monthly Notices of the Royal Astronomical Society, 2013, 429, 556-578. | 1.6 | 135       |
| 51 | How well can we really estimate the stellar masses of galaxies from broad-band photometry?. Monthly Notices of the Royal Astronomical Society, 2013, 435, 87-114.   | 1.6 | 133       |
| 52 | Predictions for the CO emission of galaxies from a coupled simulation of galaxy formation and photon-dominated regions. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2142-2165.              | 1.6 | 130       |
| 53 | Nonlinear structure formation in the cubic Galileon gravity model. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 027-027.   | 1.9 | 126       |
| 54 | Galaxy groups in the Two-degree Field Galaxy Redshift Survey: the luminous content of the groups. Monthly Notices of the Royal Astronomical Society, 2004, 355, 769-784.                                      | 1.6 | 125       |

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|----|---|------|-----------|
| 55 | Black hole growth in hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2007, 382, 1394-1414.  | 1.6  | 122       |
| 56 | Cosmological parameter constraints from SDSS luminous red galaxies: a new treatment of large-scale clustering. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1643-1664. | 1.6  | 120       |
| 57 | The clustering evolution of the galaxy distribution. Monthly Notices of the Royal Astronomical Society, 2001, 327, 1041-1056.   | 1.6  | 119       |
| 58 | The non-linear matter and velocity power spectra in $f(R)$ gravity. Monthly Notices of the Royal Astronomical Society, 2013, 428, 743-755.  | 1.6  | 118       |
| 59 | Using the Milky Way satellites to study interactions between cold dark matter and radiation. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 445, L31-L35.            | 1.2  | 113       |
| 60 | The 2dF-SDSS LRG and QSO Survey: evolution of the clustering of luminous red galaxies since $z=0.6$ . Monthly Notices of the Royal Astronomical Society, 2008, 387, 1045-1062.          | 1.6  | 112       |
| 61 | The 2dF Galaxy Redshift Survey: the local E+A galaxy population. Monthly Notices of the Royal Astronomical Society, 2004, 355, 713-727.   | 1.6  | 111       |
| 62 | The observational status of Galileon gravity after Planck. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 059-059.   | 1.9  | 107       |
| 63 | The seeds of rich galaxy clusters in the Universe. Nature, 1998, 392, 359-361.  | 13.7 | 106       |
| 64 | The 2dF Galaxy Redshift Survey: the number and luminosity density of galaxies. Monthly Notices of the Royal Astronomical Society, 2001, 324, 825-841.                                   | 1.6  | 105       |
| 65 | Redshift-space distortions in $f(R)$ gravity. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2128-2143.  | 1.6  | 104       |
| 66 | The metal enrichment of elliptical galaxies in hierarchical galaxy formation models. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 363, L31-L35.                    | 1.2  | 102       |
| 67 | Galaxy evolution in the infrared: comparison of a hierarchical galaxy formation model with Spitzer data. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1155-1178.       | 1.6  | 102       |
| 68 | The K-band Hubble diagram for the brightest cluster galaxies: a test of hierarchical galaxy formation models. Monthly Notices of the Royal Astronomical Society, 1998, 297, 427-434.    | 1.6  | 101       |
| 69 | Properties of galaxy clusters: mass and correlation functions. Monthly Notices of the Royal Astronomical Society, 1999, 307, 949-966.   | 1.6  | 101       |
| 70 | Galaxy formation using halo merger histories taken from N-body simulations. Monthly Notices of the Royal Astronomical Society, 2003, 338, 903-912.                                      | 1.6  | 100       |
| 71 | The extraordinary amount of substructure in the Hubble Frontier Fields cluster Abell 2744. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3876-3893.                     | 1.6  | 99        |
| 72 | The properties of submm galaxies in hierarchical models. Monthly Notices of the Royal Astronomical Society, 2008, 391, 420-434.   | 1.6  | 97        |

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|----|---|-----|-----------|
| 73 | The parameter space of galaxy formation. Monthly Notices of the Royal Astronomical Society, 0, 407, 2017-2045.  | 1.6 | 97        |
| 74 | Heating of galactic discs by infalling satellites. Monthly Notices of the Royal Astronomical Society, 2004, 351, 1215-1236.   | 1.6 | 93        |
| 75 | The metal enrichment of the intracluster medium in hierarchical galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2005, 358, 1247-1266.                           | 1.6 | 93        |
| 76 | The Impact of Assembly Bias on the Galaxy Content of Dark Matter Halos. Astrophysical Journal, 2018, 853, 84.   | 1.6 | 92        |
| 77 | Linear perturbations in Galileon gravity models. Physical Review D, 2012, 86, .   | 1.6 | 90        |
| 78 | Where are the stars?. Monthly Notices of the Royal Astronomical Society, 2005, 362, 1233-1246.  | 1.6 | 89        |
| 79 | The fate of substructures in cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2009, 399, 983-995.  | 1.6 | 88        |
| 80 | Modelling the evolution of galaxy clustering. Monthly Notices of the Royal Astronomical Society, 1999, 305, L21-L25.  | 1.6 | 87        |
| 81 | Statistical analysis of galaxy surveys â€” II. The three-point galaxy correlation function measured from the 2dFGRS. Monthly Notices of the Royal Astronomical Society, 2005, 364, 620-634. | 1.6 | 86        |
| 82 | The effects of photoionization on galaxy formation â€” III. Environmental dependence in the luminosity function. Monthly Notices of the Royal Astronomical Society, 2003, 343, 679-691.     | 1.6 | 84        |
| 83 | The properties of Ly $\alpha$ emitting galaxies in hierarchical galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2006, 365, 712-726.                             | 1.6 | 83        |
| 84 | Weak lensing by voids in modified lensing potentials. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 028-028.  | 1.9 | 81        |
| 85 | The 2dF Galaxy Redshift Survey: the blue galaxy fraction and implications for the Butcher-Oemler effect. Monthly Notices of the Royal Astronomical Society, 2004, 351, 125-132.             | 1.6 | 80        |
| 86 | The impact of galaxy formation on the X-ray evolution of clusters. Monthly Notices of the Royal Astronomical Society, 2001, 325, 497-508.   | 1.6 | 79        |
| 87 | The assembly bias of dark matter haloes to higher orders. Monthly Notices of the Royal Astronomical Society, 2008, 387, 921-932.  | 1.6 | 78        |
| 88 | The dependence of velocity and clustering statistics on galaxy properties. Monthly Notices of the Royal Astronomical Society, 2000, 316, 107-119.   | 1.6 | 77        |
| 89 | The clustering of H $\beta$ emitters at $z=2.23$ from HiZELS. Monthly Notices of the Royal Astronomical Society, 2012, 426, 679-689.  | 1.6 | 77        |
| 90 | Simulating the quartic Galileon gravity model on adaptively refined meshes. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 012-012.  | 1.9 | 76        |

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|-----|--|-----|-----------|
| 91  | The three-dimensional power spectrum measured from the APM Galaxy Survey - II. Use of the two-dimensional power spectrum. Monthly Notices of the Royal Astronomical Society, 1994, 267, 323-332. | 1.6 | 75        |
| 92  | The 2dF Galaxy Redshift Survey: a targeted study of catalogued clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2002, 329, 87-101.                                       | 1.6 | 75        |
| 93  | Designing a space-based galaxy redshift survey to probe dark energy. Monthly Notices of the Royal Astronomical Society, 2010, 409, 737-749.  | 1.6 | 75        |
| 94  | A comparison of semi-analytic and smoothed particle hydrodynamics galaxy formation. Monthly Notices of the Royal Astronomical Society, 2001, 320, 261-280.                                       | 1.6 | 74        |
| 95  | The SCUBA Half-Degree Extragalactic Survey – I. Survey motivation, design and data processing. Monthly Notices of the Royal Astronomical Society, 2005, 363, 563-580.                            | 1.6 | 74        |
| 96  | The most luminous quasars do not live in the most massive dark matter haloes at any redshift. Monthly Notices of the Royal Astronomical Society, 2013, 436, 315-326.                             | 1.6 | 74        |
| 97  | Which galaxies dominate the neutral gas content of the Universe?. Monthly Notices of the Royal Astronomical Society, 2014, 440, 920-941.   | 1.6 | 74        |
| 98  | The 0.1 <math>z</math> 1.65 evolution of the bright end of the [O II] luminosity function. Astronomy and Astrophysics, 2015, 575, A40.   | 2.1 | 74        |
| 99  | The real-space correlation function measured from the APM Galaxy Survey. Monthly Notices of the Royal Astronomical Society, 1996, 280, 267-275.  | 1.6 | 73        |
| 100 | Spherical collapse in Galileon gravity: fifth force solutions, halo mass function and halo bias. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 056-056.                            | 1.9 | 73        |
| 101 | Simulated observations of sub-millimetre galaxies: the impact of single-dish resolution and field variance. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1784-1798.             | 1.6 | 73        |
| 102 | Galaxy formation in the Planck Millennium: the atomic hydrogen content of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4922-4937.                           | 1.6 | 72        |
| 103 | The evolution of Lyman-break galaxies in the cold dark matter model. Monthly Notices of the Royal Astronomical Society, 2011, 412, 1828-1852.  | 1.6 | 70        |
| 104 | The origin of the atomic and molecular gas contents of early-type galaxies – I. A new test of galaxy formation physics. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1002-1021. | 1.6 | 69        |
| 105 | The 2dF Galaxy Redshift Survey: higher-order galaxy correlation functions. Monthly Notices of the Royal Astronomical Society, 2004, 352, 1232-1244.  | 1.6 | 68        |
| 106 | The 2dF Galaxy Redshift Survey: stochastic relative biasing between galaxy populations. Monthly Notices of the Royal Astronomical Society, 2005, 356, 247-269.                                   | 1.6 | 68        |
| 107 | A dynamical model of supernova feedback: gas outflows from the interstellar medium. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1787-1817.                                     | 1.6 | 68        |
| 108 | How robust are predictions of galaxy clustering?. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2717-2730.   | 1.6 | 67        |

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|-----|---|-----|-----------|
| 109 | CLUSTERING PROPERTIES OF B-K-SELECTED GALAXIES IN GOODS-N: ENVIRONMENTAL QUENCHING AND TRIGGERING OF STAR FORMATION AT $z \approx 1/4$ . <i>Astrophysical Journal</i> , 2012, 756, 71.  | 1.6 | 65        |
| 110 | The 2dF Galaxy Redshift Survey: Wiener reconstruction of the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 939-960.   | 1.6 | 64        |
| 111 | Dark matter-radiation interactions: the impact on dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3587-3596.  | 1.6 | 64        |
| 112 | Nonlinear structure formation in nonlocal gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 031-031.   | 1.9 | 63        |
| 113 | Faint galaxy counts as a function of morphological type in a hierarchical merger model. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 282, L27-L32.  | 1.6 | 62        |
| 114 | The 2dF Galaxy Redshift Survey: hierarchical galaxy clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 351, L44-L48.  | 1.6 | 62        |
| 115 | Parameter space in Galileon gravity models. <i>Physical Review D</i> , 2013, 87, .  | 1.6 | 61        |
| 116 | The host dark matter haloes of [OII] emitters at $0.5 < z < 1.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4024-4038.   | 1.6 | 60        |
| 117 | The 2dF Galaxy Redshift Survey: voids and hierarchical scaling models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 828-836.   | 1.6 | 59        |
| 118 | Halo model and halo properties in Galileon gravity cosmologies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 029-029.  | 1.9 | 59        |
| 119 | A comparison of gas dynamics in smooth particle hydrodynamics and semi-analytic models of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 338, 913-925.                                    | 1.6 | 58        |
| 120 | Empirical $H\alpha$ emitter count predictions for dark energy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 1330-1338.   | 1.6 | 58        |
| 121 | Testing model predictions of the cold dark matter cosmology for the sizes, colours, morphologies and luminosities of galaxies with the SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 1254-1274. | 1.6 | 57        |
| 122 | The clustering of $Ly\alpha$ emitters in a $\Lambda$ CDM Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 1589-1604.   | 1.6 | 54        |
| 123 | SPACE: the spectroscopic all-sky cosmic explorer. <i>Experimental Astronomy</i> , 2009, 23, 39-66.  | 1.6 | 54        |
| 124 | The redshift evolution of the mass function of cold gas in hierarchical galaxy formation models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 406, 43-59.   | 1.6 | 54        |
| 125 | The 2dF Galaxy Redshift Survey: the clustering of galaxy groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 211-225.   | 1.6 | 53        |
| 126 | The abundance of $Ly\alpha$ emitters in hierarchical models. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 357, L11-L15.  | 1.2 | 53        |



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|-----|---|-----|-----------|
| 127 | The evolution of the star-forming sequence in hierarchical galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2637-2664.                                    | 1.6 | 53        |
| 128 | Galaxy groups in the 2dF Galaxy Redshift Survey: the number density of groups. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1147-1158.   | 1.6 | 52        |
| 129 | The 2dF Galaxy Redshift Survey: Constraints on Cosmic Star Formation History from the Cosmic Spectrum. Astrophysical Journal, 2002, 569, 582-594.   | 1.6 | 51        |
| 130 | Modelling redshift space distortions in hierarchical cosmologies. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.   | 1.6 | 51        |
| 131 | The role of submillimetre galaxies in hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2011, 413, 749-762.   | 1.6 | 51        |
| 132 | <i>Euclid</i> preparation. Astronomy and Astrophysics, 2019, 627, A23.  | 2.1 | 51        |
| 133 | Can galactic outflows explain the properties of Ly $\hat{\pm}$ emitters?. Monthly Notices of the Royal Astronomical Society, 2012, 425, 87-115.   | 1.6 | 50        |
| 134 | Galaxy And Mass Assembly (GAMA): the dependence of the galaxy luminosity function on environment, redshift and colour. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2125-2145. | 1.6 | 49        |
| 135 | The origin of the atomic and molecular gas contents of early-type galaxies â€“ II. Misaligned gas accretion. Monthly Notices of the Royal Astronomical Society, 2015, 448, 1271-1287.           | 1.6 | 49        |
| 136 | Constraints on the dark energy equation of state from the imprint of baryons on the power spectrum of clusters. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 362, L25-L29. | 1.2 | 48        |
| 137 | Dark matterâ€™radiation interactions: the structure of Milky Way satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2282-2287.                                   | 1.6 | 48        |
| 138 | Modelling galaxy clustering: is new physics needed in galaxy formation models?. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1527-1540.  | 1.6 | 47        |
| 139 | The properties of spiral galaxies: confronting hierarchical galaxy formation models with observations. Monthly Notices of the Royal Astronomical Society, 2003, 343, 367-384.                   | 1.6 | 46        |
| 140 | Constraints on black hole fuelling modes from the clustering of X-ray AGN. Monthly Notices of the Royal Astronomical Society, 2013, 435, 679-688.   | 1.6 | 46        |
| 141 | Predictions for deep galaxy surveys with JWST from $\hat{\lambda}$ -CDM. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2352-2372.   | 1.6 | 46        |
| 142 | The evolution of assembly bias. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1133-1148.  | 1.6 | 45        |
| 143 | Substructure analysis of selected low-richness 2dFGRS clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2004, 352, 605-654.  | 1.6 | 44        |
| 144 | The structural and photometric properties of early-type galaxies in hierarchical models. Monthly Notices of the Royal Astronomical Society, 2007, 376, 1711-1726.                               | 1.6 | 43        |

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|-----|--|-----|-----------|
| 145 | The ultraviolet colours and dust attenuation of Lyman-break galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1609-1625.   | 1.6 | 42        |
| 146 | A lightcone catalogue from the Millennium-XXL simulation. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4646-4661.   | 1.6 | 41        |
| 147 | Testing deprojection algorithms on mock angular catalogues: evidence for a break in the power spectrum. Monthly Notices of the Royal Astronomical Society, 1998, 294, 229-244.   | 1.6 | 40        |
| 148 | Preliminary Target Selection for the DESI Bright Galaxy Survey (BGS). Research Notes of the AAS, 2020, 4, 187.   | 0.3 | 40        |
| 149 | A comparison of the evolution of density fields in perturbation theory and numerical simulations - I. Non-linear evolution of the power spectrum. Monthly Notices of the Royal Astronomical Society, 1994, 270, 183-198. | 1.6 | 39        |
| 150 | The environments of high-redshift radio galaxies and quasars: probes of protoclusters. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3827-3839.  | 1.6 | 39        |
| 151 | Luminous red galaxies in hierarchical cosmologies. Monthly Notices of the Royal Astronomical Society, 2008, 386, 2145-2160.  | 1.6 | 38        |
| 152 | The journey of QSO haloes from $z \approx 6$ to the present. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2722-2730.  | 1.6 | 37        |
| 153 | The evolution of the stellar mass versus halo mass relationship. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1459-1483.  | 1.6 | 37        |
| 154 | Testing Ansatz for quasi-non-linear clustering: the linear APM power spectrum. Monthly Notices of the Royal Astronomical Society, 1996, 280, L37-L41.  | 1.6 | 35        |
| 155 | TESTING GRAVITY USING THE GROWTH OF LARGE-SCALE STRUCTURE IN THE UNIVERSE. Astrophysical Journal Letters, 2011, 727, L9.   | 3.0 | 35        |
| 156 | The PAU Survey: an improved photo- $z$ sample in the COSMOS field. Monthly Notices of the Royal Astronomical Society, 2021, 501, 6103-6122.  | 1.6 | 35        |
| 157 | Simulations of quintessential cold dark matter: beyond the cosmological constant. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2181-2201.   | 1.6 | 33        |
| 158 | The spatial distribution of cold gas in hierarchical galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2011, 414, 2367-2385.   | 1.6 | 33        |
| 159 | What is the best way to measure baryonic acoustic oscillations?. Monthly Notices of the Royal Astronomical Society, 2008, , .  | 1.6 | 32        |
| 160 | Galaxy cluster lensing masses in modified lensing potentials. Monthly Notices of the Royal Astronomical Society, 2015, 454, 4085-4102.   | 1.6 | 32        |
| 161 | Modified gravity with massive neutrinos as a testable alternative cosmological model. Physical Review D, 2014, 90, .   | 1.6 | 31        |
| 162 | No evidence for modifications of gravity from galaxy motions on cosmological scales. Nature Astronomy, 2018, 2, 967-972.   | 4.2 | 31        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | The evolution of SMBH spin and AGN luminosities for $z < 6$ within a semi-analytic model of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2019, 487, 198-227.                              | 1.6 | 31        |
| 164 | Narrow-band surveys for very high redshift Lyman- $\alpha$ emitters. Astronomy and Astrophysics, 2007, 474, 385-392.  | 2.1 | 30        |
| 165 | The Durham/UKST Galaxy Redshift Survey – VI. Power spectrum analysis of clustering. Monthly Notices of the Royal Astronomical Society, 1999, 309, 659-671.  | 1.6 | 29        |
| 166 | Predictions for the intrinsic UV continuum properties of star-forming galaxies and the implications for inferring dust extinction. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1522-1529.       | 1.6 | 29        |
| 167 | The galaxy “dark matter halo connection: which galaxy properties are correlated with the host halo mass?. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1861-1876.                                | 1.6 | 28        |
| 168 | Marked clustering statistics in $f(R)$ gravity cosmologies. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4824-4835.  | 1.6 | 28        |
| 169 | A wide-field K-band survey – II. Galaxy clustering. Monthly Notices of the Royal Astronomical Society, 1996, 283, L15-L19.  | 1.6 | 27        |
| 170 | Do model emission line galaxies live in filaments at $z \sim 1$ ? Monthly Notices of the Royal Astronomical Society, 2020, 498, 1852-1870.  | 1.6 | 27        |
| 171 | Massive, red galaxies in a hierarchical universe - I. Counts of extremely red objects and basic properties. Monthly Notices of the Royal Astronomical Society, 2009, 398, 497-514.                                | 1.6 | 26        |
| 172 | Statistical analysis of galaxy surveys - III. The non-linear clustering of red and blue galaxies in the 2dFGRS. Monthly Notices of the Royal Astronomical Society, 2007, 379, 1562-1570.                          | 1.6 | 25        |
| 173 | Growing a “cosmic beast”: observations and simulations of MACSJ0717.5+3745. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2901-2917.  | 1.6 | 25        |
| 174 | Large-scale redshift space distortions in modified gravity theories. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2194-2213.   | 1.6 | 25        |
| 175 | Galaxy evolution, cosmology and dark energy with the Square Kilometer Array. New Astronomy Reviews, 2004, 48, 1013-1027.  | 5.2 | 24        |
| 176 | The accuracy of the UV continuum as an indicator of the star formation rate in galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1490-1496.   | 1.6 | 23        |
| 177 | A new methodology to test galaxy formation models using the dependence of clustering on stellar mass. Monthly Notices of the Royal Astronomical Society, 2015, 452, 852-871.                                      | 1.6 | 23        |
| 178 | Evolution of galactic magnetic fields. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2424-2440.   | 1.6 | 23        |
| 179 | Cluster correlations in redshift space. Monthly Notices of the Royal Astronomical Society, 2002, 329, 431-444.  | 1.6 | 22        |
| 180 | Statistical analysis of galaxy surveys - IV. An objective way to quantify the impact of superstructures on galaxy clustering statistics. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2435-2450. | 1.6 | 22        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 181 | The spatial distribution of neutral hydrogen as traced by low H $\alpha$ mass galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 465, 111-122.  | 1.6 | 22        |
| 182 | Probing dark energy with future redshift surveys: a comparison of emission line and broad-band selection in the near-infrared. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.                    | 1.6 | 21        |
| 183 | Predictions for the SKA from hierarchical galaxy formation models. New Astronomy Reviews, 2004, 48, 1239-1246.  | 5.2 | 20        |
| 184 | Abell 2744: too much substructure for $\Lambda$ CDM?. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2913-2923.  | 1.6 | 20        |
| 185 | The evolution of the galaxy content of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2833-2848.   | 1.6 | 20        |
| 186 | The evolution of the UV-to-mm extragalactic background light: evidence for a top-heavy initial mass function?. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3082-3101.                             | 1.6 | 20        |
| 187 | Extensions to the halo occupation distribution model for more accurate clustering predictions. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3532-3544.   | 1.6 | 20        |
| 188 | A machine learning approach to mapping baryons on to dark matter haloes using the <code>eagle</code> and <code>C-EAGLE</code> simulations. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5046-5061. | 1.6 | 20        |
| 189 | Correcting for fibre assignment incompleteness in the DESI Bright Galaxy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1285-1300.   | 1.6 | 19        |
| 190 | Galaxy formation in the brane world I: overview and first results. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3867-3885.   | 1.6 | 19        |
| 191 | On the Prospect of Using the Maximum Circular Velocity of Halos to Encapsulate Assembly Bias in the Galaxy-Halo Connection. Astrophysical Journal, 2019, 887, 17.   | 1.6 | 19        |
| 192 | Hierarchical correlations in models of galaxy clustering. Monthly Notices of the Royal Astronomical Society, 1995, 273, L1-L6.  | 1.6 | 18        |
| 193 | Higher order clustering in the Durham/UKST and Stromlo-APM Galaxy Redshift Surveys. Monthly Notices of the Royal Astronomical Society, 2000, 317, L51-L56.  | 1.6 | 18        |
| 194 | The 2dF Galaxy Redshift Survey: the nature of the relative bias between galaxies of different spectral type. Monthly Notices of the Royal Astronomical Society, 2005, 356, 456-474.                                 | 1.6 | 18        |
| 195 | Predictions for <i>Herschel</i> from $\Lambda$ -cold dark matter: unveiling the cosmic star formation history. Monthly Notices of the Royal Astronomical Society, 2010, , .   | 1.6 | 18        |
| 196 | Luminosity Bias: From Haloes to Galaxies. Publications of the Astronomical Society of Australia, 2013, 30, .  | 1.3 | 18        |
| 197 | Galactic magnetic fields and hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3472-3489.  | 1.6 | 18        |
| 198 | The clustering evolution of dusty star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1621-1641.   | 1.6 | 18        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 199 | The power spectrum of galaxy clustering in the APM Survey. Monthly Notices of the Royal Astronomical Society, 2003, 343, 796-812.   | 1.6 | 17        |
| 200 | The Evolution of Galaxy Mass in Hierarchical Models. , 0, , 91-96.  |     | 17        |
| 201 | Mock galaxy redshift catalogues from simulations: implications for Pan-STARRS1. Monthly Notices of the Royal Astronomical Society, 2009, 395, 1185-1203.  | 1.6 | 17        |
| 202 | Effects of cosmological model assumptions on galaxy redshift survey measurements. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.   | 1.6 | 17        |
| 203 | On the role of feedback in shaping the cosmic abundance and clustering of neutral atomic hydrogen in galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 428, 3366-3374.                           | 1.6 | 17        |
| 204 | Velocity and mass bias in the distribution of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2014, 446, 793-802.  | 1.6 | 17        |
| 205 | Understanding the non-linear clustering of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4428-4436.   | 1.6 | 17        |
| 206 | A new smooth- $k$ space filter approach to calculate halo abundances. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 010-010.  | 1.9 | 17        |
| 207 | Linear bias forecasts for emission line cosmological surveys. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5737-5765.  | 1.6 | 17        |
| 208 | Characterizing the target selection pipeline for the Dark Energy Spectroscopic Instrument Bright Galaxy Survey. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4328-4349.                          | 1.6 | 17        |
| 209 | Statistics of galaxy mergers: bridging the gap between theory and observation. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5918-5937.   | 1.6 | 17        |
| 210 | The 2dF Galaxy Redshift Survey: correlation with the ROSAT-ESO flux-limited X-ray galaxy cluster survey. Monthly Notices of the Royal Astronomical Society, 2005, 363, 661-674.                                   | 1.6 | 16        |
| 211 | PROBABILITY FRIENDS-OF-FRIENDS (PFOF) GROUP FINDER: PERFORMANCE STUDY AND OBSERVATIONAL DATA APPLICATIONS ON PHOTOMETRIC SURVEYS. Astrophysical Journal, 2014, 788, 109.  | 1.6 | 16        |
| 212 | Extending the halo mass resolution of N-body simulations. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3256-3265.  | 1.6 | 16        |
| 213 | Towards a non-Gaussian model of redshift space distortions. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1175-1193.  | 1.6 | 16        |
| 214 | Modelling the dusty universe - I. Introducing the artificial neural network and first applications to luminosity and colour distributions. Monthly Notices of the Royal Astronomical Society, 2010, 402, 544-564. | 1.6 | 15        |
| 215 | Which haloes host Herschel-ATLAS galaxies in the local Universe?. Monthly Notices of the Royal Astronomical Society, 2011, 412, 2277-2285.  | 1.6 | 15        |
| 216 | Massive, red galaxies in a hierarchical universe - II. Clustering of Extremely Red Objects. Monthly Notices of the Royal Astronomical Society, 2011, 417, 517-531.  | 1.6 | 15        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 217 | Testing dark energy using pairs of galaxies in redshift space. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1079-1091.  | 1.6 | 15        |
| 218 | Single-colour diagnostics of the mass-to-light ratio $\hat{M}$ . I. Predictions from galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2013, 431, 430-439.   | 1.6 | 15        |
| 219 | The PAU Survey: spectral features and galaxy clustering using simulated narrow-band photometry. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4221-4235.   | 1.6 | 15        |
| 220 | Fast full N-body simulations of generic modified gravity: conformal coupling models. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 018.  | 1.9 | 15        |
| 221 | Clustering of extremely red objects in Elais-N1 from the UKIDSS DXS with optical photometry from Pan-STARRS 1 and Subaru. Monthly Notices of the Royal Astronomical Society, 2014, 438, 825-840.   | 1.6 | 14        |
| 222 | The $H\alpha$ mass function as a probe of photoionization feedback on low-mass galaxy formation. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2316-2326.  | 1.6 | 14        |
| 223 | The environments of Ly $\alpha$ blobs $\hat{M}$ . I. Wide-field Ly $\alpha$ imaging of TN J1338 $\hat{M}$ 1942, a powerful radio galaxy at $z \hat{M}$ of 4.1 associated with a giant Ly $\alpha$ nebula $\hat{M}$ .... Monthly Notices of the Royal Astronomical Society, 2015, 447, 3069-3086. | 1.6 | 14        |
| 224 | The far infra-red SEDs of main sequence and starburst galaxies. Monthly Notices of the Royal Astronomical Society, 0, , stx165.  | 1.6 | 14        |
| 225 | Are the superstructures in the two-degree field galaxy redshift survey a problem for hierarchical models?. Monthly Notices of the Royal Astronomical Society, 2011, 413, 1311-1317.  | 1.6 | 13        |
| 226 | Modelling the dusty universe - II. The clustering of submillimetre-selected galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2057-2071.   | 1.6 | 13        |
| 227 | CAN WE DETECT THE COLOR $\hat{M}$ DENSITY RELATION WITH PHOTOMETRIC REDSHIFTS?. Astrophysical Journal, 2016, 825, 40.  | 1.6 | 13        |
| 228 | The clustering of dark matter haloes: scale-dependent bias on quasi-linear scales. Monthly Notices of the Royal Astronomical Society, 2016, 463, 270-281.  | 1.6 | 13        |
| 229 | The effect of assembly bias on redshift-space distortions. Monthly Notices of the Royal Astronomical Society, 2019, 486, 582-595.  | 1.6 | 13        |
| 230 | Fast full N-body simulations of generic modified gravity: derivative coupling models. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 048.   | 1.9 | 13        |
| 231 | The nature and descendants of Lyman-break galaxies in the $\hat{M}$ cold dark matter cosmology. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3709-3726.   | 1.6 | 12        |
| 232 | Isotropic extragalactic flux from dark matter annihilations: lessons from interacting dark matter scenarios. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 069-069.  | 1.9 | 12        |
| 233 | The effect of thermal velocities on structure formation in N-body simulations of warm dark matter. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 017-017.  | 1.9 | 12        |
| 234 | Ly $\hat{M}$ emitters in a cosmological volume $\hat{M}$ . I. The impact of radiative transfer. Monthly Notices of the Royal Astronomical Society, 2019, 486, 1882-1906.   | 1.6 | 12        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 235 | Modelling Dust in Galactic SEDs: Application to Semi-Analytical Galaxy Formation Models. <i>Astrophysics and Space Science</i> , 2001, 276, 1073-1078.  | 0.5 | 10        |
| 236 | Creating synthetic universes in a computer. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 4381-4392.  | 1.6 | 10        |
| 237 | Blending bias impacts the host halo masses derived from a cross-correlation analysis of bright submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3396-3404. | 1.6 | 10        |
| 238 | Large-scale fluctuations in the distribution of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 282, 1413-1417.  | 1.6 | 9         |
| 239 | Modelling the spectral energy distribution of galaxies: introducing the artificial neural network. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.                            | 1.6 | 9         |
| 240 | Clustering tomography: measuring cosmological distances through angular clustering in thin redshift shells. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 3612-3623.            | 1.6 | 9         |
| 241 | The clustering and halo occupation distribution of Lyman-break galaxies at $z \sim 4$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 176-189.                                  | 1.6 | 9         |
| 242 | The abundance and colours of galaxies in high-redshift clusters in the cold dark matter cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1681-1699.                     | 1.6 | 9         |
| 243 | The environment of radio galaxies: a signature of AGN feedback at high redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1340-1352.                                      | 1.6 | 9         |
| 244 | Ly $\alpha$ emitters in a cosmological volume II: the impact of the intergalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .   | 1.6 | 9         |
| 245 | Constraining structure formation using EDGES. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 004-004.  | 1.9 | 9         |
| 246 | Building a digital twin of a luminous red galaxy spectroscopic survey: galaxy properties and clustering covariance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2318-2339.    | 1.6 | 9         |
| 247 | Herschel-ATLAS/GAMA: How does the far-IR luminosity function depend on galaxy group properties?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2253-2270.                       | 1.6 | 8         |
| 248 | The Morphological Evolution of Galaxy Satellites. <i>Astrophysics and Space Science</i> , 2001, 276, 375-382.   | 0.5 | 7         |
| 249 | The contribution of star-forming galaxies to fluctuations in the cosmic background light. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2674-2687.                              | 1.6 | 7         |
| 250 | Can we distinguish early dark energy from a cosmological constant?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3540-3550.  | 1.6 | 7         |
| 251 | Subhalo Abundance Matching in $f(R)$ Gravity. <i>Physical Review Letters</i> , 2016, 117, 221101.   | 2.9 | 7         |
| 252 | AGNs at the cosmic dawn: predictions for future surveys from a $\Lambda$ CDM cosmological model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2535-2552.                       | 1.6 | 7         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 253 | The assembly bias of emission-line galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3155-3168.   | 1.6 | 7         |
| 254 | Halo merger tree comparison: impact on galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5500-5519.  | 1.6 | 7         |
| 255 | Cosmic cookery: making a stereoscopic 3D animated movie. , 2006, , .  |     | 6         |
| 256 | Offspring of SPACE: the spectrograph channel of the ESA Dark Energy Mission EUCLID. , 2008, , .   |     | 6         |
| 257 | A hybrid multiresolution scheme to efficiently model the structure of reionization on the largest scales. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4498-4511.                          | 1.6 | 6         |
| 258 | Nonlinear growth of structure in cosmologies with damped matter fluctuations. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 001-001.  | 1.9 | 6         |
| 259 | Uncovering substructure with wavelets:proof of concept using Abell 2744. Monthly Notices of the Royal Astronomical Society, 0, , .  | 1.6 | 6         |
| 260 | Determining the systemic redshift of Lyman $\alpha$ emitters with neural networks and improving the measured large-scale clustering. Monthly Notices of the Royal Astronomical Society, 2020, 500, 603-626. | 1.6 | 6         |
| 261 | Measuring galaxy environment with the synergy of future photometric and spectroscopic surveys. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1786-1801.                                     | 1.6 | 4         |
| 262 | A new approach to finding galaxy groups using Markov Clustering. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 485, L126-L130.  | 1.2 | 4         |
| 263 | Modelling emission lines in star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1880-1893.   | 1.6 | 4         |
| 264 | Self-avoiding random walks as a probe of large-scale structure in the Universe. Monthly Notices of the Royal Astronomical Society, 1993, 264, 87-92.  | 1.6 | 3         |
| 265 | Measuring the baryon acoustic oscillation peak position with different galaxy selections. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3120-3130.  | 1.6 | 3         |
| 266 | Multiwavelength consensus of large-scale linear bias. Monthly Notices of the Royal Astronomical Society, 2020, 493, 747-764.  | 1.6 | 3         |
| 267 | Modelling the quenching of star formation activity from the evolution of the colour-magnitude relation in VIPERS. New Astronomy, 2021, 84, 101515.  | 0.8 | 3         |
| 268 | Efficient exploration and calibration of a semi-analytical model of galaxy formation with deep learning. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4011-4030.                           | 1.6 | 3         |
| 269 | Are Ly $\alpha$ emitters segregated in protoclusters regions?. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2104-2115.   | 1.6 | 3         |
| 270 | Towards an accurate model of small-scale redshift-space distortions in modified gravity. Monthly Notices of the Royal Astronomical Society, 2022, 514, 440-459.   | 1.6 | 3         |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 271 | How are galaxies made?. Physics World, 1999, 12, 25-30.  | 0.0 | 2         |
| 272 | Measuring Large-Scale Structure with the 2dF Galaxy Redshift Survey. , 0, , 221-230.   |     | 2         |
| 273 | Modelling the Extinction Properties of Galaxies. Astrophysics and Space Science, 2001, 277, 79-82.   | 0.5 | 2         |
| 274 | N-body simulations of structure formation in thermal inflation cosmologies. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 010-010.                 | 1.9 | 2         |
| 275 | The connection between halo concentrations and assembly histories: a probe of gravity?. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4658-4668. | 1.6 | 2         |
| 276 | The evolution of disc galaxies. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2000, 358, 2093-2107.                     | 1.6 | 1         |
| 277 | A Million Element Integral Field Unit (MEIFU). , 0, , 99-107.  |     | 1         |
| 278 | Cosmic cookery: growing galaxies in a computer. Astronomy and Geophysics, 2006, 47, 2.10-2.15.   | 0.1 | 1         |
| 279 | Evolution of supermassive black hole spins in the $\Lambda$ CDM cosmology. Journal of Physics: Conference Series, 2009, 189, 012013.                             | 0.3 | 1         |
| 280 | Sensitivity analysis of a galaxy formation model. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1827-1841.                                       | 1.6 | 1         |
| 281 | Semianalytic Modelling of Galaxy Evolution. Globular Clusters - Guides To Galaxies, 1997, , 52-63.   | 0.1 | 1         |
| 282 | Galaxy Formation and Evolution: What to Expect from Hierarchical Clustering Models. , 1996, , 247-254.   |     | 1         |
| 283 | Making use of sub-resolution haloes in N-body simulations. Monthly Notices of the Royal Astronomical Society: Letters, 0, , .                                    | 1.2 | 1         |
| 284 | A New Numerical Inversion of Limber's Equation. Annals of the New York Academy of Sciences, 1993, 688, 542-544.  | 1.8 | 0         |
| 285 | Modelling the extinction properties of galaxies. Astrophysics and Space Science, 2001, 277, 589-592.   | 0.5 | 0         |
| 286 | Forming Globular Cluster Systems in a Semi-Analytic Scheme. , 0, , 342-347.  |     | 0         |
| 287 | Chemical enrichment of ICM in a hierarchical galaxy formation model including SNe Ia. Proceedings of the International Astronomical Union, 2004, 2004, .         | 0.0 | 0         |
| 288 | The metal enrichment of galaxies and galaxy clusters in the cold dark matter universe. AIP Conference Proceedings, 2006, , .                                     | 0.3 | 0         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 289 | How BAO measurements can fail to detect quintessence. , 2010, , .   |     | 0         |
| 290 | Clustering of EROs from UKIDSS DXS and Pan-STARRS PS1. Proceedings of the International Astronomical Union, 2012, 8, 59-59.                             | 0.0 | 0         |
| 291 | The evolution of massive galaxies in semi-analytical models of galaxy formation. Proceedings of the International Astronomical Union, 2012, 8, 191-199. | 0.0 | 0         |
| 292 | Semi-Analytic Galaxy Formation: Understanding the High Redshift Universe. , 2001, , 295-306.  |     | 0         |
| 293 | Extremely Red Objects in a Hierarchical Universe. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 297-297.                                   | 0.3 | 0         |
| 294 | Bringing light to a dark Universe. , 0, , 121-127.  |     | 0         |