

# 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

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296  
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296  
docs citations

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times ranked

8426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast full N-body simulations of generic modified gravity: derivative coupling models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 048.	1.9	13
2	Halo merger tree comparison: impact on galaxy formation models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5500-5519.	1.6	7
3	Fast full N-body simulations of generic modified gravity: conformal coupling models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 018.	1.9	15
4	Towards an accurate model of small-scale redshift-space distortions in modified gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 440-459.	1.6	3
5	Modelling the quenching of star formation activity from the evolution of the colour-magnitude relation in VIPERS. <i>New Astronomy</i> , 2021, 84, 101515.	0.8	3
6	The PAU Survey: an improved photo- $z$ sample in the COSMOS field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 6103-6122.	1.6	35
7	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
8	Characterizing the target selection pipeline for the Dark Energy Spectroscopic Instrument Bright Galaxy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4328-4349.	1.6	17
9	Galaxy formation in the brane world I: overview and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3867-3885.	1.6	19
10	Efficient exploration and calibration of a semi-analytical model of galaxy formation with deep learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 4011-4030.	1.6	3
11	The assembly bias of emission-line galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 3155-3168.	1.6	7
12	A machine learning approach to mapping baryons on to dark matter haloes using the <i>eagle</i> and <i>C-EAGLE</i> simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5046-5061.	1.6	20
13	Statistics of galaxy mergers: bridging the gap between theory and observation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5918-5937.	1.6	17
14	Modelling emission lines in star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 1880-1893.	1.6	4
15	Towards a non-Gaussian model of redshift space distortions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1175-1193.	1.6	16
16	Do model emission line galaxies live in filaments at $z \approx 1$ ? <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1852-1870.	1.6	27
17	Constraining structure formation using EDGES. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 004-004.	1.9	9
18	Measuring the baryon acoustic oscillation peak position with different galaxy selections. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3120-3130.	1.6	3

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19	AGNs at the cosmic dawn: predictions for future surveys from a $\Lambda$ CDM cosmological model. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2535-2552.	1.6	7
20	Sensitivity analysis of a galaxy formation model. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1827-1841.	1.6	1
21	Multiwavelength consensus of large-scale linear bias. Monthly Notices of the Royal Astronomical Society, 2020, 493, 747-764.	1.6	3
22	Are Ly $\alpha$ emitters segregated in protoclusters regions?. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2104-2115.	1.6	3
23	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
24	Preliminary Target Selection for the DESI Bright Galaxy Survey (BGS). Research Notes of the AAS, 2020, 4, 187.	0.3	40
25	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
26	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
27	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
28	Ly $\alpha$ emitters in a cosmological volume â€“ I. The impact of radiative transfer. Monthly Notices of the Royal Astronomical Society, 2019, 486, 1882-1906.	1.6	12
29	Linear bias forecasts for emission line cosmological surveys. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5737-5765.	1.6	17
30	The effect of assembly bias on redshift-space distortions. Monthly Notices of the Royal Astronomical Society, 2019, 486, 582-595.	1.6	13
31	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
32	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
33	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
34	Large-scale redshift space distortions in modified gravity theories. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2194-2213.	1.6	25
35	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
36	The evolution of assembly bias. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1133-1148.	1.6	45

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37	<i>Euclid</i> preparation. <i>Astronomy and Astrophysics</i> , 2019, 627, A23.	2.1	51
38	Evolution of galactic magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2424-2440.	1.6	23
39	On the Prospect of Using the Maximum Circular Velocity of Halos to Encapsulate Assembly Bias in the Galaxy-Halo Connection. <i>Astrophysical Journal</i> , 2019, 887, 17.	1.6	19
40	Predictions for deep galaxy surveys with JWST from $\Lambda$ CDM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 2352-2372.	1.6	46
41	N-body simulations of structure formation in thermal inflation cosmologies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 010-010.	1.9	2
42	A new smooth- <i>k</i> space filter approach to calculate halo abundances. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 010-010.	1.9	17
43	Nonlinear growth of structure in cosmologies with damped matter fluctuations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 001-001.	1.9	6
44	The PAU Survey: spectral features and galaxy clustering using simulated narrow-band photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4221-4235.	1.6	15
45	Growing a "cosmic beast": observations and simulations of MACSJ0717.5+3745. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2901-2917.	1.6	25
46	No evidence for modifications of gravity from galaxy motions on cosmological scales. <i>Nature Astronomy</i> , 2018, 2, 967-972.	4.2	31
47	Marked clustering statistics in $f(R)$ gravity cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4824-4835.	1.6	28
48	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
49	The Impact of Assembly Bias on the Galaxy Content of Dark Matter Halos. <i>Astrophysical Journal</i> , 2018, 853, 84.	1.6	92
50	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
51	The spatial distribution of neutral hydrogen as traced by low $H\alpha$ mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 111-122.	1.6	22
52	The effect of thermal velocities on structure formation in N-body simulations of warm dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 017-017.	1.9	12
53	Understanding the non-linear clustering of high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 4428-4436.	1.6	17
54	A lightcone catalogue from the Millennium-XXL simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4646-4661.	1.6	41

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55	Abell 2744: too much substructure for $\Lambda$ CDM?. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2913-2923.	1.6	20
56	Blending bias impacts the host halo masses derived from a cross-correlation analysis of bright submillimetre galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3396-3404.	1.6	10
57	The evolution of the galaxy content of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2833-2848.	1.6	20
58	CAN WE DETECT THE COLORâ€“DENSITY RELATION WITH PHOTOMETRIC REDSHIFTS?. Astrophysical Journal, 2016, 825, 40.	1.6	13
59	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
60	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
61	Can we distinguish early dark energy from a cosmological constant?. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3540-3550.	1.6	7
62	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
63	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
64	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
65	Subhalo Abundance Matching in $f(R)$ Gravity. Physical Review Letters, 2016, 117, 221101.	2.9	7
66	A unified multiwavelength model of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3854-3911.	1.6	290
67	The clustering and halo occupation distribution of Lyman-break galaxies at $z \sim 4$ . Monthly Notices of the Royal Astronomical Society, 2016, 461, 176-189.	1.6	9
68	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
69	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
70	The evolution of the stellar mass versus halo mass relationship. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1459-1483.	1.6	37
71	The clustering evolution of dusty star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1621-1641.	1.6	18
72	The abundance and colours of galaxies in high-redshift clusters in the cold dark matter cosmology. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1681-1699.	1.6	9

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73	Dark matterâ€“radiation interactions: the impact on dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3587-3596.	1.6	64
74	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
75	Galactic magnetic fields and hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3472-3489.	1.6	18
76	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
77	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
78	The galaxyâ€“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
79	The environments of Ly $\alpha$ blobs â€“ I. Wide-field Ly $\alpha$ imaging of TN J1338+1942, a powerful radio galaxy at $z \approx 4.1$ associated with a giant Ly $\alpha$ nebulaâ€“.... Monthly Notices of the Royal Astronomical Society, 2015, 447, 3069-3086.	1.6	14
80	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
81	Galaxy cluster lensing masses in modified lensing potentials. Monthly Notices of the Royal Astronomical Society, 2015, 454, 4085-4102.	1.6	32
82	Weak lensing by voids in modified lensing potentials. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 028-028.	1.9	81
83	The 0.1 < $z$ > < $i$ > evolution of the bright end of the [OIII] luminosity function. Astronomy and Astrophysics, 2015, 575, A40.	2.1	74
84	Herschel-ATLAS/GAMA: How does the far-IR luminosity function depend on galaxy group properties?. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2253-2270.	1.6	8
85	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
86	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
87	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
88	The origin of the atomic and molecular gas contents of early-type galaxies â€“ I. A new test of galaxy formation physics. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1002-1021.	1.6	69
89	The observational status of Galileon gravity after Planck. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 059-059.	1.9	107
90	Nonlinear structure formation in nonlocal gravity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 031-031.	1.9	63

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91	Halo model and halo properties in Galileon gravity cosmologies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 029-029.	1.9	59
92	Modified gravity with massive neutrinos as a testable alternative cosmological model. <i>Physical Review D</i> , 2014, 90, .	1.6	31
93	Using the Milky Way satellites to study interactions between cold dark matter and radiation. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 445, L31-L35.	1.2	113
94	PROBABILITY FRIENDS-OF-FRIENDS (PFOF) GROUP FINDER: PERFORMANCE STUDY AND OBSERVATIONAL DATA APPLICATIONS ON PHOTOMETRIC SURVEYS. <i>Astrophysical Journal</i> , 2014, 788, 109.	1.6	16
95	Galaxy And Mass Assembly (GAMA): the dependence of the galaxy luminosity function on environment, redshift and colour. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2125-2145.	1.6	49
96	Which galaxies dominate the neutral gas content of the Universe?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 920-941.	1.6	74
97	Velocity and mass bias in the distribution of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 446, 793-802.	1.6	17
98	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
99	Extending the halo mass resolution of N-body simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 3256-3265.	1.6	16
100	The ultraviolet colours and dust attenuation of Lyman-break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 1609-1625.	1.6	42
101	Nonlinear structure formation in the cubic Galileon gravity model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 027-027.	1.9	126
102	Spherical collapse in Galileon gravity: fifth force solutions, halo mass function and halo bias. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 056-056.	1.9	73
103	How well can we really estimate the stellar masses of galaxies from broad-band photometry?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 87-114.	1.6	133
104	Simulating the quartic Galileon gravity model on adaptively refined meshes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 012-012.	1.9	76
105	The non-linear matter and velocity power spectra in $f(R)$ gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 743-755.	1.6	118
106	The most luminous quasars do not live in the most massive dark matter haloes at any redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 315-326.	1.6	74
107	A dynamical model of supernova feedback: gas outflows from the interstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1787-1817.	1.6	68
108	On the role of feedback in shaping the cosmic abundance and clustering of neutral atomic hydrogen in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 3366-3374.	1.6	17

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109	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
110	Lightcone mock catalogues from semi-analytic models of galaxy formation $\hat{m}$ . I. Construction and application to the BzK colour selection. Monthly Notices of the Royal Astronomical Society, 2013, 429, 556-578.	1.6	135
111	Luminosity Bias: From Haloes to Galaxies. Publications of the Astronomical Society of Australia, 2013, 30, .	1.3	18
112	How robust are predictions of galaxy clustering?. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2717-2730.	1.6	67
113	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
114	Parameter space in Galileon gravity models. Physical Review D, 2013, 87, .	1.6	61
115	The clustering of $H\alpha$ emitters at $z=2.23$ from HiZELS. Monthly Notices of the Royal Astronomical Society, 2012, 426, 679-689.	1.6	77
116	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
117	The contribution of star-forming galaxies to fluctuations in the cosmic background light. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2674-2687.	1.6	7
118	Linear perturbations in Galileon gravity models. Physical Review D, 2012, 86, .	1.6	90
119	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
120	CLUSTERING PROPERTIES OF $B-K$ -SELECTED GALAXIES IN GOODS-N: ENVIRONMENTAL QUENCHING AND TRIGGERING OF STAR FORMATION AT $z \approx 2$ . Astrophysical Journal, 2012, 756, 71.	1.6	65
121	Clustering of EROs from UKIDSS DXS and Pan-STARRS PS1. Proceedings of the International Astronomical Union, 2012, 8, 59-59.	0.0	0
122	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
123	Redshift-space distortions in $f(R)$ gravity. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2128-2143.	1.6	104
124	Scaling relations for galaxy clusters in the Millennium-XXL simulation. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2046-2062.	1.6	375
125	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
126	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



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127	Testing dark energy using pairs of galaxies in redshift space. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1079-1091.	1.6	15
128	The nature and descendants of Lyman-break galaxies in the $\Lambda$ cold dark matter cosmology. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3709-3726.	1.6	12
129	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
130	Can galactic outflows explain the properties of Ly $\lambda$ emitters?. Monthly Notices of the Royal Astronomical Society, 2012, 425, 87-115.	1.6	50
131	TESTING GRAVITY USING THE GROWTH OF LARGE-SCALE STRUCTURE IN THE UNIVERSE. Astrophysical Journal Letters, 2011, 727, L9.	3.0	35
132	Grand unification of AGN activity in the $\Lambda$ CDM cosmology. Monthly Notices of the Royal Astronomical Society, 2011, 410, 53-74.	1.6	217
133	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
134	Which haloes host Herschel-ATLAS galaxies in the local Universe?. Monthly Notices of the Royal Astronomical Society, 2011, 412, 2277-2285.	1.6	15
135	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
136	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
137	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
138	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
139	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
140	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
141	The role of submillimetre galaxies in hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2011, 413, 749-762.	1.6	51
142	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
143	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
144	Effects of cosmological model assumptions on galaxy redshift survey measurements. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	17

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145	Modelling the spectral energy distribution of galaxies: introducing the artificial neural network. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	9
146	Modelling redshift space distortions in hierarchical cosmologies. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	51
147	Simulations of quintessential cold dark matter: beyond the cosmological constant. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2181-2201.	1.6	33
148	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
149	Empirical $H\dot{\pm}$ emitter count predictions for dark energy surveys. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1330-1338.	1.6	58
150	Predictions for <i>Herschel</i> from $\hat{\Lambda}$ -cold dark matter: unveiling the cosmic star formation history. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	18
151	The redshift evolution of the mass function of cold gas in hierarchical galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2010, 406, 43-59.	1.6	54
152	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
153	How BAO measurements can fail to detect quintessence. , 2010, , .		0
154	Extremely Red Objects in a Hierarchical Universe. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 297-297.	0.3	0
155	SPACE: the spectroscopic all-sky cosmic explorer. Experimental Astronomy, 2009, 23, 39-66.	1.6	54
156	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
157	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
158	Mock galaxy redshift catalogues from simulations: implications for Pan-STARRS1. Monthly Notices of the Royal Astronomical Society, 2009, 395, 1185-1203.	1.6	17
159	Testing model predictions of the cold dark matter cosmology for the sizes, colours, morphologies and luminosities of galaxies with the SDSS. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1254-1274.	1.6	57
160	The fate of substructures in cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2009, 399, 983-995.	1.6	88
161	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
162	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

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