Carlton Baugh

List of Publications by Year
in descending order

294 papers	30,238 citations	5896 81 h-index	4885 168 g-index
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.	4.4	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.	4.4	1,599
3	Hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2002, 319, 168-204.	4.4	1,523
4	The 2dF galaxy redshift survey: near-infrared galaxy luminosity functions. Monthly Notices of the Royal Astronomical Society, 2001, 326, 255-273.	4.4	794
5	What Shapes the Luminosity Function of Galaxies?. Astrophysical Journal, 2003, 599, 38-49.	4.5	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.	4.4	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.	4.4	664
8	Theoretical Models of the Halo Occupation Distribution: Separating Central and Satellite Galaxies. Astrophysical Journal, 2005, 633, 791-809.	4.5	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.	4.4	622
10	Can the faint submillimetre galaxies be explained in the Î› cold dark matter model?. Monthly Notices of the Royal Astronomical Society, 2005, 356, 1191-1200.	4.4	574
11	A measurement of the cosmological mass density from clustering in the 2dF Galaxy Redshift Survey. Nature, 2001, 410, 169-173.	27.8	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.	4.4	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.	4.4	443
14	A primer on hierarchical galaxy formation: the semi-analytical approach. Reports on Progress in Physics, 2006, 69, 3101-3156.	20.1	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.	4.4	411
16	The nature of galaxy bias and clustering. Monthly Notices of the Royal Astronomical Society, 2000, 311, 793-808.	4.4	398
17	Scaling relations for galaxy clusters in the Millennium-XXL simulation. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2046-2062.	4.4	375
18	The 2dF Galaxy Redshift Survey: the bJ-band galaxy luminosity function and survey selection function. Monthly Notices of the Royal Astronomical Society, 2002, 336, 907-931.	4.4	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.	4.4	362
20	Evolution of the Hubble sequence in hierarchical models for galaxy formation. Monthly Notices of the Royal Astronomical Society, 1996, 283, 1361-1378.	4.4	359
21	The effects of photoionization on galaxy formation - I. Model and results atz=0. Monthly Notices of the Royal Astronomical Society, 2002, 333, 156-176.	4.4	355
22	Science with ASKAP. Experimental Astronomy, 2008, 22, 151-273.	3.7	332
23	The Epoch of Galaxy Formation. Astrophysical Journal, 1998, 498, 504-521.	4.5	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.	4.4	314
25	The Halo Occupation Distribution and the Physics of Galaxy Formation. Astrophysical Journal, 2003, 593, 1-25.	4.5	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.	4.4	307
27	A unified multiwavelength model of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3854-3911.	4.4	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.	4.4	283
29	The 2dF Galaxy Redshift Survey: galaxy luminosity functions per spectral type. Monthly Notices of the Royal Astronomical Society, 2002, 333, 133-144.	4.4	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.	4.4	275
31	The colours of satellite galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1619-1629.	4.4	265
32	The Infrared Side of Galaxy Formation. I. The Local Universe in the Semianalytical Framework. Astrophysical Journal, 2000, 542, 710-730.	4.5	234
33	Science with the Australian Square Kilometre Array Pathfinder. Publications of the Astronomical Society of Australia, 2007, 24, 174-188.	3.4	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.	4.4	227
35	Grand unification of AGN activity in the λCDM cosmology. Monthly Notices of the Royal Astronomical Society, 2011, 410, 53-74.	4.4	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.	4.4	216

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37	Cosmic evolution of the atomic and molecular gas contents of galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1649-1667.	4.4	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.	4.4	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.	4.4	182
40	On the formation of globular cluster systems in a hierarchical Universe. Monthly Notices of the Royal Astronomical Society, 2002, 333, 383-399.	4.4	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.	4.4	174
42	The 2dF Galaxy Redshift Survey: galaxy clustering per spectral type. Monthly Notices of the Royal Astronomical Society, 2003, 344, 847-856.	4.4	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.	4.4	160
44	The detectability of baryonic acoustic oscillations in future galaxy surveys. Monthly Notices of the Royal Astronomical Society, 0, 383, 755-776.	4.4	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.	4.4	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.	4.4	156
47	The 2dF Galaxy Redshift Survey: the luminosity function of cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2003, 342, 725-737.	4.4	151
48	New Upper Limit on the Total Neutrino Mass from the 2 Degree Field Galaxy Redshift Survey. Physical Review Letters, 2002, 89, 061301.	7.8	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.	4.4	139
50	Lightcone mock catalogues from semi-analytic models of galaxy formation â€" I. Construction and application to the BzK colour selection. Monthly Notices of the Royal Astronomical Society, 2013, 429, 556-578.	4.4	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.	4.4	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.	4.4	130
53	Nonlinear structure formation in the cubic Galileon gravity model. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 027-027.	5.4	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.	4.4	125

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55	Black hole growth in hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2007, 382, 1394-1414.	4.4	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.	4.4	120
57	The clustering evolution of the galaxy distribution. Monthly Notices of the Royal Astronomical Society, 2001, 327, 1041-1056.	4.4	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.	4.4	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.	3.3	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.	4.4	112
61	The 2dF Galaxy Redshift Survey: the local E+A galaxy population. Monthly Notices of the Royal Astronomical Society, 2004, 355, 713-727.	4.4	111
62	The observational status of Galileon gravity after Planck. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 059-059.	5.4	107
63	The seeds of rich galaxy clusters in the Universe. Nature, 1998, 392, 359-361.	27.8	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.	4.4	105
65	Redshift-space distortions in f(R) gravity. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2128-2143.	4.4	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.	3.3	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.	4.4	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.	4.4	101
69	Properties of galaxy clusters: mass and correlation functions. Monthly Notices of the Royal Astronomical Society, 1999, 307, 949-966.	4.4	101
70	Galaxy formation using halo merger histories taken from N-body simulations. Monthly Notices of the Royal Astronomical Society, 2003, 338, 903-912.	4.4	100
71	The extraordinary amount of substructure in the *Hubble Frontier Fields* cluster AbellÂ2744. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3876-3893.	4.4	99
72	The properties of submm galaxies in hierarchical models. Monthly Notices of the Royal Astronomical Society, 2008, 391, 420-434.	4.4	97

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73	The parameter space of galaxy formation. Monthly Notices of the Royal Astronomical Society, 0, 407, 2017-2045.	4.4	97
74	Heating of galactic discs by infalling satellites. Monthly Notices of the Royal Astronomical Society, 2004, 351, 1215-1236.	4.4	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.	4.4	93
76	The Impact of Assembly Bias on the Galaxy Content of Dark Matter Halos. Astrophysical Journal, 2018, 853, 84.	4.5	92
77	Linear perturbations in Galileon gravity models. Physical Review D, 2012, 86, .	4.7	90
78	Where are the stars?. Monthly Notices of the Royal Astronomical Society, 2005, 362, 1233-1246.	4.4	89
79	The fate of substructures in cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2009, 399, 983-995.	4.4	88
80	Modelling the evolution of galaxy clustering. Monthly Notices of the Royal Astronomical Society, 1999, 305, L21-L25.	4.4	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.	4.4	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.	4.4	84
83	The properties of LyÂ emitting galaxies in hierarchical galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2006, 365, 712-726.	4.4	83
84	Weak lensing by voids in modified lensing potentials. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 028-028.	5.4	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.	4.4	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.	4.4	79
87	The assembly bias of dark matter haloes to higher orders. Monthly Notices of the Royal Astronomical Society, 2008, 387, 921-932.	4.4	78
88	The dependence of velocity and clustering statistics on galaxy properties. Monthly Notices of the Royal Astronomical Society, 2000, 316, 107-119.	4.4	77
89	The clustering of HÎ± emitters at<i>z</i>=2.23 from HiZELS. Monthly Notices of the Royal Astronomical Society, 2012, 426, 679-689.	4.4	77
90	Simulating the quartic Galileon gravity model on adaptively refined meshes. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 012-012.	5.4	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.	4.4	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.	4.4	75
93	Designing a space-based galaxy redshift survey to probe dark energy. Monthly Notices of the Royal Astronomical Society, 2010, 409, 737-749.	4.4	75
94	A comparison of semi-analytic and smoothed particle hydrodynamics galaxy formation. Monthly Notices of the Royal Astronomical Society, 2001, 320, 261-280.	4.4	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.	4.4	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.	4.4	74
97	Which galaxies dominate the neutral gas content of the Universe?. Monthly Notices of the Royal Astronomical Society, 2014, 440, 920-941.	4.4	74
98	The 0.1 <z< 1.65 evolution of the bright end of the [Oâ€°ii] luminosity function. Astronomy and Astrophysics, 2015, 575, A40.	5.1	74
99	The real-space correlation function measured from the APM Galaxy Survey. Monthly Notices of the Royal Astronomical Society, 1996, 280, 267-275.	4.4	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.	5.4	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.	4.4	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.	4.4	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.	4.4	70
104	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.	4.4	69
105	The 2dF Galaxy Redshift Survey: higher-order galaxy correlation functions. Monthly Notices of the Royal Astronomical Society, 2004, 352, 1232-1244.	4.4	68
106	The 2dF Galaxy Redshift Survey: stochastic relative biasing between galaxy populations. Monthly Notices of the Royal Astronomical Society, 2005, 356, 247-269.	4.4	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.	4.4	68
108	How robust are predictions of galaxy clustering?. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2717-2730.	4.4	67

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109	CLUSTERING PROPERTIES OF B$<i>z</i>$K-SELECTED GALAXIES IN GOODS-N: ENVIRONMENTAL QUENCHING AND TRIGGERING OF STAR FORMATION AT$<i>z</i>$â^¼ 2. Astrophysical Journal, 2012, 756, 71.	4.5	65
110	The 2dF Galaxy Redshift Survey: Wiener reconstruction of the cosmic web. Monthly Notices of the Royal Astronomical Society, 2004, 352, 939-960.	4.4	64
111	Dark matterâ€"radiation interactions: the impact on dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3587-3596.	4.4	64
112	Nonlinear structure formation in nonlocal gravity. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 031-031.	5.4	63
113	Faint galaxy counts as a function of morphological type in a hierarchical merger model. Monthly Notices of the Royal Astronomical Society, 1996, 282, L27-L32.	4.4	62
114	The 2dF Galaxy Redshift Survey: hierarchical galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2004, 351, L44-L48.	4.4	62
115	Parameter space in Galileon gravity models. Physical Review D, 2013, 87, .	4.7	61
116	The host dark matter haloes of [OÂII] emitters at 0.5Â<ÂzÂ<Â1.5. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4024-4038.	4.4	60
117	The 2dF Galaxy Redshift Survey: voids and hierarchical scaling models. Monthly Notices of the Royal Astronomical Society, 2004, 352, 828-836.	4.4	59
118	Halo model and halo properties in Galileon gravity cosmologies. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 029-029.	5.4	59
119	A comparison of gas dynamics in smooth particle hydrodynamics and semi-analytic models of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2003, 338, 913-925.	4.4	58
120	Empirical HÎ± emitter count predictions for dark energy surveys. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1330-1338.	4.4	58
121	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.	4.4	57
122	The clustering of LyÎ± emitters in a Î›CDM Universe. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1589-1604.	4.4	54
123	SPACE: the spectroscopic all-sky cosmic explorer. Experimental Astronomy, 2009, 23, 39-66.	3.7	54
124	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.	4.4	54
125	The 2dF Galaxy Redshift Survey: the clustering of galaxy groups. Monthly Notices of the Royal Astronomical Society, 2004, 352, 211-225.	4.4	53
126	The abundance of LyÂ emitters in hierarchical models. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 357, L11-L15.	3.3	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.	4.4	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.	4.4	52
129	The 2dF Galaxy Redshift Survey: Constraints on Cosmic Star Formation History from the Cosmic Spectrum. Astrophysical Journal, 2002, 569, 582-594.	4.5	51
130	Modelling redshift space distortions in hierarchical cosmologies. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	51
131	The role of submillimetre galaxies in hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2011, 413, 749-762.	4.4	51
132	<i>Euclid</i> preparation. Astronomy and Astrophysics, 2019, 627, A23.	5.1	51
133	Can galactic outflows explain the properties of Ly Î± emitters?. Monthly Notices of the Royal Astronomical Society, 2012, 425, 87-115.	4.4	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.	4.4	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.	4.4	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.	3.3	48
137	Dark matterâ€“radiation interactions: the structure of Milky Way satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2282-2287.	4.4	48
138	Modelling galaxy clustering: is new physics needed in galaxy formation models?. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1527-1540.	4.4	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.	4.4	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.	4.4	46
141	Predictions for deep galaxy surveys with JWST from Î›CDM. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2352-2372.	4.4	46
142	The evolution of assembly bias. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1133-1148.	4.4	45
143	Substructure analysis of selected low-richness 2dFGRS clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2004, 352, 605-654.	4.4	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.	4.4	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.	4.4	42
146	A lightcone catalogue from the Millennium-XXL simulation. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4646-4661.	4.4	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.	4.4	40
148	Preliminary Target Selection for the DESI Bright Galaxy Survey (BGS). Research Notes of the AAS, 2020, 4, 187.	0.7	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.	4.4	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.	4.4	39
151	Luminous red galaxies in hierarchical cosmologies. Monthly Notices of the Royal Astronomical Society, 2008, 386, 2145-2160.	4.4	38
152	The journey of QSO haloes from z â˜¼ 6 to the present. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2722-2730.	4.4	37
153	The evolution of the stellar mass versus halo mass relationship. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1459-1483.	4.4	37
154	Testing Ansatze for quasi-non-linear clustering: the linear APM power spectrum. Monthly Notices of the Royal Astronomical Society, 1996, 280, L37-L41.	4.4	35
155	TESTING GRAVITY USING THE GROWTH OF LARGE-SCALE STRUCTURE IN THE UNIVERSE. Astrophysical Journal Letters, 2011, 727, L9.	8.3	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.	4.4	35
157	Simulations of quintessential cold dark matter: beyond the cosmological constant. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2181-2201.	4.4	33
158	The spatial distribution of cold gas in hierarchical galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2011, 414, 2367-2385.	4.4	33
159	What is the best way to measure baryonic acoustic oscillations?. Monthly Notices of the Royal Astronomical Society, 2008, , .	4.4	32
160	Galaxy cluster lensing masses in modified lensing potentials. Monthly Notices of the Royal Astronomical Society, 2015, 454, 4085-4102.	4.4	32
161	Modified gravity with massive neutrinos as a testable alternative cosmological model. Physical Review D, 2014, 90, .	4.7	31
162	No evidence for modifications of gravity from galaxy motions on cosmological scales. Nature Astronomy, 2018, 2, 967-972.	10.1	31

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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.	4.4	31
164	Narrow-band surveys for very high redshift Lyman-alpha emitters. Astronomy and Astrophysics, 2007, 474, 385-392.	5.1	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.	4.4	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.	4.4	29
167	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.	4.4	28
168	Marked clustering statistics in f(R) gravity cosmologies. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4824-4835.	4.4	28
169	A wide-field K-band survey -- II. Galaxy clustering. Monthly Notices of the Royal Astronomical Society, 1996, 283, L15-L19.	4.4	27
170	Do model emission line galaxies live in filaments at z â^¼ 1?. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1852-1870.	4.4	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.	4.4	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.	4.4	25
173	Growing a â˜cosmic beastâ™: observations and simulations of MACSâ€‰J0717.5+3745. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2901-2917.	4.4	25
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