

Ivan K Baldry

List of Publications by Year in descending order

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89
papers

15,901
citations

38720

50
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51562

86
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times ranked

7514
citing authors

#	ARTICLE	IF	CITATIONS
1	Galaxy And Mass Assembly (GAMA): Data Release 4 and the $z < 0.1$ total and $z < 0.08$ morphological galaxy stellar mass functions. Monthly Notices of the Royal Astronomical Society, 2022, 513, 439-467.	1.6	75
2	Galaxy and Mass Assembly (GAMA): The Weak Environmental Dependence of Quasar Activity at $0.1 < z < 0.35$. Astrophysical Journal, 2022, 928, 192.	1.6	3
3	An empirical measurement of the halo mass function from the combination of GAMA DR4, SDSS DR12, and REFLEX data. Monthly Notices of the Royal Astronomical Society, 2022, 515, 2138-2163.	1.6	7
4	Synergies between low- and intermediate-redshift galaxy populations revealed with unsupervised machine learning. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3010-3031.	1.6	12
5	The growth of intracluster light in XCS-HSC galaxy clusters from $0.1 < z < 0.5$. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2419-2437.	1.6	34
6	Galaxy And Mass Assembly (GAMA): $z \sim 0$ galaxy luminosity function down to $L \sim 106 L_{\odot}^{\text{TM}}$ via clustering based redshift inference. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5467-5484.	1.6	4
7	Galaxy And Mass Assembly (GAMA): a forensic SED reconstruction of the cosmic star formation history and metallicity evolution by galaxy type. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5581-5603.	1.6	53
8	Environment from cross-correlations: connecting hot gas and the quenching of galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2241-2261.	1.6	7
9	Compact galaxies and the size-mass galaxy distribution from a colour-selected sample at $0.04 < z < 0.15$ supplemented by ugrizYJHK photometric redshifts. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1557-1574.	1.6	8
10	The effects of peculiar velocities in SN Ia environments on the local H_0 measurement. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3728-3742.	1.6	6
11	The Frequency of Dust Lanes in Edge-on Spiral Galaxies Identified by Galaxy Zoo in KiDS Imaging of GAMA Targets. Astronomical Journal, 2019, 158, 103.	1.9	18
12	Reproducible k-means clustering in galaxy feature data from the GAMA survey. Monthly Notices of the Royal Astronomical Society, 2019, 482, 126-150.	1.6	12
13	Multiwavelength scaling relations in galaxy groups: a detailed comparison of GAMA and KiDS observations to BAHAMAS simulations. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3338-3355.	1.6	11
14	Exploring relations between BCG and cluster properties in the Spectroscopic Identification of eROSITA Sources survey from $0.05 < z < 0.3$. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4952-4973.	1.6	14
15	Galaxy and Mass Assembly (GAMA): variation in galaxy structure across the green valley. Monthly Notices of the Royal Astronomical Society, 2018, 477, 4116-4130.	1.6	26
16	Galaxy And Mass Assembly (GAMA): A "No Smoking" Zone for Giant Elliptical Galaxies?. Astrophysical Journal, 2017, 842, 81.	1.6	17
17	Galaxy and Mass Assembly (GAMA): active galactic nuclei in pairs of galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2671-2686.	1.6	45
18	WISE — SuperCOSMOS PHOTOMETRIC REDSHIFT CATALOG: 20 MILLION GALAXIES OVER 3π STERADIANS. Astrophysical Journal, Supplement Series, 2016, 225, 5.	3.0	73

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19	Galaxy And Mass Assembly (GAMA): the stellar mass budget by galaxy type. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1308-1319.	1.6	76
20	Galaxy And Mass Assembly (GAMA): $\{M_{\text{star}}\}_{R_{\text{m e}}}$ relations of $z=0$ bulges, discs and spheroids. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1470-1500.	1.6	85
21	Galaxy And Mass Assembly (GAMA): understanding the wavelength dependence of galaxy structure with bulge-disc decompositions. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3458-3471.	1.6	39
22	Galaxy And Mass Assembly (GAMA): Panchromatic Data Release (far-UV to far-IR) and the low- z energy budget. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3911-3942.	1.6	140
23	The stellar-to-halo mass relation of GAMA galaxies from 100° of KiDS weak lensing data. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3251-3270.	1.6	81
24	Galaxy And Mass Assembly (GAMA): the wavelength dependence of galaxy structure versus redshift and luminosity. Monthly Notices of the Royal Astronomical Society, 2015, 454, 806-817.	1.6	35
25	Evolution of star formation in the UKIDSS Ultra Deep Survey Field II. Star formation as a function of stellar mass between $z=1.46$ and 0.63 . Monthly Notices of the Royal Astronomical Society, 2015, 454, 2015-2025.	1.6	7
26	H-ATLAS/GAMA: quantifying the morphological evolution of the galaxy population using cosmic calorimetry. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3489-3507.	1.6	16
27	Galaxy And Mass Assembly (GAMA): mass-size relations of $z < 0.1$ galaxies subdivided by SFR index, colour and morphology. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2603-2630.	1.6	196
28	The masses of satellites in GAMA galaxy groups from 100 square degrees of KiDS weak lensing data. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3938-3951.	1.6	46
29	Galaxy And Mass Assembly (GAMA): deconstructing bimodality I. Red ones and blue ones. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2144-2185.	1.6	113
30	Galaxy And Mass Assembly (GAMA): the halo mass of galaxy groups from maximum-likelihood weak lensing. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1356-1379.	1.6	72
31	Galaxy And Mass Assembly (GAMA): stellar mass functions by Hubble type. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1647-1659.	1.6	102
32	Galaxy And Mass Assembly (GAMA): the wavelength-dependent sizes and profiles of galaxies revealed by MegaMorph. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1340-1362.	1.6	81
33	Galaxy And Mass Assembly (GAMA): the large-scale structure of galaxies and comparison to mock universes. Monthly Notices of the Royal Astronomical Society, 2014, 438, 177-194.	1.6	80
34	Galaxy And Mass Assembly (GAMA): refining the local galaxy merger rate using morphological information. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1157-1169.	1.6	73
35	Galaxy and Mass Assembly (GAMA): merging galaxies and their properties. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2200-2211.	1.6	18
36	Galaxy And Mass Assembly (GAMA): ugrizYJHK SFR luminosity functions and the cosmic spectral energy distribution by Hubble type. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1245-1269.	1.6	76

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37	Evolution of star formation in the UKIDSS Ultra Deep Survey field â€œ I. Luminosity functions and cosmic star formation rate out to $z=1.6$. Monthly Notices of the Royal Astronomical Society, 2013, 433, 796-811.	1.6	40
38	Galaxy And Mass Assembly (GAMA): linking star formation histories and stellar mass growth. Monthly Notices of the Royal Astronomical Society, 2013, 434, 209-221.	1.6	81
39	The slowly evolving role of environment in a spectroscopic survey of star formation in $M^* > 5 \times 10^{10} M_{\odot}$ galaxies since $z \approx 1$. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1738-1752.	1.6	4
40	Measures of galaxy environment - I. What is â€œenvironmentâ€™?. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2670-2682.	1.6	178
41	Galaxy And Mass Assembly (GAMA): Structural Investigation of Galaxies via Model Analysis. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1007-1039.	1.6	273
42	Galaxy And Mass Assembly (GAMA): estimating galaxy group masses via caustic analysis. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2832-2846.	1.6	20
43	Dependence of star formation activity on stellar mass and environment from the Redshift One LDSS-3 Emission line Survey. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1869-1879.	1.6	24
44	Galaxy And Mass Assembly (GAMA): stellar mass estimates. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1587-1620.	1.6	502
45	THE HUBBLE SPACE TELESCOPE WIDE FIELD CAMERA 3 EARLY RELEASE SCIENCE DATA: PANCHROMATIC FAINT OBJECT COUNTS FOR 0.2-2 μ m WAVELENGTH. Astrophysical Journal, Supplement Series, 2011, 193, 27.	3.0	247
46	Galaxy pairs in the Sloan Digital Sky Survey - II. The effect of environment on interactions. Monthly Notices of the Royal Astronomical Society, 2010, 407, 1514-1528.	1.6	143
47	Galaxy and Mass Assembly: FUV, NUV, ugrizYJHK Petrosian, Kron and S ₀ rsic photometry. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	43
48	The local star formation rate density: assessing calibrations using [O ₂ fi], H and UV luminosities. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	51
49	Galaxy Zoo: the dependence of morphology and colour on environment. Monthly Notices of the Royal Astronomical Society, 2009, 393, 1324-1352.	1.6	460
50	The mass-metallicity relation in galaxy clusters: the relative importance of cluster membership versus local environment. Monthly Notices of the Royal Astronomical Society, 2009, 396, 1257-1272.	1.6	91
51	Evolution of the u-band luminosity function from redshift 1.2 to 0. Monthly Notices of the Royal Astronomical Society, 2009, 397, 90-102.	1.6	25
52	Optical and near-infrared colours as a discriminant of the age and metallicity of stellar populations. Monthly Notices of the Royal Astronomical Society, 2009, 397, 695-708.	1.6	26
53	GAMA: towards a physical understanding of galaxy formation. Astronomy and Geophysics, 2009, 50, 5.12-5.19.	0.1	307
54	Hubble's galaxy nomenclature. Astronomy and Geophysics, 2008, 49, 5.25-5.26.	0.1	7

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55	The Sixth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2008, 175, 297-313.	3.0	1,202
56	The Energy Output of the Universe from 0.1 to 1000 μ m. <i>Astrophysical Journal</i> , 2008, 678, L101-L104.	1.6	96
57	The Fifth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2007, 172, 634-644.	3.0	615
58	Solar-like Oscillations in the G2 Subgiant η Hydri from Dual-site Observations. <i>Astrophysical Journal</i> , 2007, 663, 1315-1324.	1.6	93
59	The Fourth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2006, 162, 38-48.	3.0	948
60	An Empirical Calibration of the Completeness of the SDSS Quasar Survey. <i>Astronomical Journal</i> , 2005, 129, 2047-2061.	1.9	77
61	Monster redshift surveys through dispersive slitless imaging: The Baryon Oscillation Probe. <i>New Astronomy Reviews</i> , 2005, 49, 374-378.	5.2	15
62	The 2dF Galaxy Redshift Survey: the nature of the relative bias between galaxies of different spectral type. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 356, 456-474.	1.6	18
63	The 2dF Galaxy Redshift Survey: power-spectrum analysis of the final data set and cosmological implications. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 505-534.	1.6	1,599
64	The Third Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2005, 129, 1755-1759.	1.9	634
65	Quantifying the Bimodal Color-Magnitude Distribution of Galaxies. <i>Astrophysical Journal</i> , 2004, 600, 681-694.	1.6	1,218
66	Galaxy groups in the 2dFGRS: the group-finding algorithm and the 2PIGG catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 348, 866-878.	1.6	307
67	Galaxy ecology: groups and low-density environments in the SDSS and 2dFGRS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 348, 1355-1372.	1.6	443
68	The 2dF Galaxy Redshift Survey: the blue galaxy fraction and implications for the Butcher-Oemler effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 351, 125-132.	1.6	80
69	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
70	Substructure analysis of selected low-richness 2dFGRS clusters of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 605-654.	1.6	44
71	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
72	Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release. <i>Astronomical Journal</i> , 2004, 128, 2577-2592.	1.9	73

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73	The Bimodal Galaxy Color Distribution: Dependence on Luminosity and Environment. <i>Astrophysical Journal</i> , 2004, 615, L101-L104.	1.6	546
74	The Second Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2004, 128, 502-512.	1.9	953
75	FORTIS: pathfinder to the Lyman continuum. , 2004, 5488, 709.		5
76	The 2dF Galaxy Redshift Survey: the luminosity function of cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 342, 725-737.	1.6	151
77	The 2dF Galaxy Redshift Survey: galaxy clustering per spectral type. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 344, 847-856.	1.6	170
78	The First Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 126, 2081-2086.	1.9	800
79	Constraints on a Universal Stellar Initial Mass Function from Ultraviolet to Near-Infrared Galaxy Luminosity Densities. <i>Astrophysical Journal</i> , 2003, 593, 258-271.	1.6	222
80	The Broadband Optical Properties of Galaxies with Redshifts $0.02 < z < 0.22$. <i>Astrophysical Journal</i> , 2003, 594, 186-207.	1.6	637
81	The Sloan Digital Sky Survey: The Cosmic Spectrum and Star Formation History. <i>Astrophysical Journal</i> , 2003, 587, 55-70.	1.6	50
82	The 2dF Galaxy Redshift Survey: Constraints on Cosmic Star Formation History from the Cosmic Spectrum. <i>Astrophysical Journal</i> , 2002, 569, 582-594.	1.6	51
83	The 2dF Galaxy Redshift Survey: galaxy luminosity functions per spectral type. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 333, 133-144.	1.6	280
84	Evidence for Solar-like Oscillations in $\hat{\iota}^2$ Hydri. <i>Astrophysical Journal</i> , 2001, 549, L105-L108.	1.6	99
85	ATLAS: a Cassegrain spectrograph based on volume phase holographic gratings. , 2000, 4008, 194.		9
86	Characterization of cooled infrared fibers for the Gemini IRMOS. , 2000, 4008, 1203.		3
87	Time-series spectroscopy of the rapidly oscillating Ap star HR 3831. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 318, 341-353.	1.6	39
88	$H\beta$ profile variations in the long-period Cepheid $\hat{\alpha}$, “Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 289, 979-985.	1.6	9
89	The Galaxy Stellar Mass Function and Low Surface Brightness Galaxies from Core-Collapse Supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	9