

Angus H Wright

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

4,163
citations

136950

32
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114465

63
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all docs

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docs citations

65
times ranked

3432
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint constraints on cosmology and the impact of baryon feedback: Combining KiDS-1000 lensing with the thermal Sunyaev-Zeldovich effect from <i>Planck</i> and ACT. <i>Astronomy and Astrophysics</i> , 2022, 660, A27.	5.1	32
2	Galaxy And Mass Assembly (GAMA): Data Release 4 and the $z < 0.1$ total and $z < 0.08$ morphological galaxy stellar mass functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 439-467.	4.4	75
3	The Variation of the Gas Content of Galaxy Groups and Pairs Compared to Isolated Galaxies. <i>Astrophysical Journal</i> , 2022, 927, 20.	4.5	6
4	Galaxy and Mass Assembly (GAMA): The Weak Environmental Dependence of Quasar Activity at $0.1 < z < 0.35$. <i>Astrophysical Journal</i> , 2022, 928, 192.	4.5	3
5	Lensing without borders – I. A blind comparison of the amplitude of galaxy-galaxy lensing between independent imaging surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 6150-6189.	4.4	12
6	Galaxy and mass assembly (GAMA): Self-Organizing Map application on nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1972-1984.	4.4	8
7	The dark matter halo masses of elliptical galaxies as a function of observationally robust quantities. <i>Astronomy and Astrophysics</i> , 2022, 662, A55.	5.1	2
8	The intrinsic reddening of the Magellanic Clouds as traced by background galaxies – III. The Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 824-840.	4.4	0
9	The PAU survey: measurements of the 4000 Å... spectral break with narrow-band photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 146-166.	4.4	5
10	KiDS-1000 cosmology: Cosmic shear constraints and comparison between two point statistics. <i>Astronomy and Astrophysics</i> , 2021, 645, A104.	5.1	339
11	KiDS-1000 Cosmology: Multi-probe weak gravitational lensing and spectroscopic galaxy clustering constraints. <i>Astronomy and Astrophysics</i> , 2021, 646, A140.	5.1	393
12	KiDS-1000 methodology: Modelling and inference for joint weak gravitational lensing and spectroscopic galaxy clustering analysis. <i>Astronomy and Astrophysics</i> , 2021, 646, A129.	5.1	82
13	<i>Euclid</i> preparation. <i>Astronomy and Astrophysics</i> , 2021, 647, A117.	5.1	7
14	KiDS-1000 catalogue: Redshift distributions and their calibration. <i>Astronomy and Astrophysics</i> , 2021, 647, A124.	5.1	66
15	Organised randomness: Learning and correcting for systematic galaxy clustering patterns in KiDS using self-organising maps. <i>Astronomy and Astrophysics</i> , 2021, 648, A98.	5.1	9
16	Magnification bias in galaxy surveys with complex sample selection functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1452-1465.	4.4	18
17	KiDS-1000 Cosmology: Constraints beyond flat Λ CDM. <i>Astronomy and Astrophysics</i> , 2021, 649, A88.	5.1	80
18	Deep Extragalactic Visible Legacy Survey (DEVILS): SED fitting in the D10-COSMOS field and the evolution of the stellar mass function and $SFR \propto M^{1.4}$ relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 540-567.	4.4	60

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19	Strong detection of the CMB lensing and galaxy weak lensing cross-correlation from ACT-DR4, Planck Legacy, and KiDS-1000. <i>Astronomy and Astrophysics</i> , 2021, 649, A146.	5.1	26
20	The weak lensing radial acceleration relation: Constraining modified gravity and cold dark matter theories with KiDS-1000. <i>Astronomy and Astrophysics</i> , 2021, 650, A113.	5.1	38
21	Probing galaxy bias and intergalactic gas pressure with KiDS Galaxies-tSZ-CMB lensing cross-correlations. <i>Astronomy and Astrophysics</i> , 2021, 651, A76.	5.1	18
22	The Palomar Transient Factory Core-collapse Supernova Host-galaxy Sample. I. Host-galaxy Distribution Functions and Environment Dependence of Core-collapse Supernovae. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 29.	7.7	56
23	KiDS-1000: Constraints on the intrinsic alignment of luminous red galaxies. <i>Astronomy and Astrophysics</i> , 2021, 654, A76.	5.1	14
24	Geometry versus growth. <i>Astronomy and Astrophysics</i> , 2021, 655, A11.	5.1	8
25	Bright galaxy sample in the Kilo-Degree Survey Data Release 4. <i>Astronomy and Astrophysics</i> , 2021, 653, A82.	5.1	22
26	Galaxy and Mass Assembly (GAMA). <i>Astronomy and Astrophysics</i> , 2021, 653, A35.	5.1	2
27	KiDS-1000 catalogue: Weak gravitational lensing shear measurements. <i>Astronomy and Astrophysics</i> , 2021, 645, A105.	5.1	85
28	The LSST-DESC 3x2pt Tomography Optimization Challenge. <i>The Open Journal of Astrophysics</i> , 2021, 4, .	2.8	7
29	Galaxy And Mass Assembly (GAMA): $z < 0$ galaxy luminosity function down to $L < -106 L_{\odot}^{\text{TM}}$ via clustering based redshift inference. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5467-5484.	4.4	4
30	High-quality Strong Lens Candidates in the Final Kilo-Degree Survey Footprint. <i>Astrophysical Journal</i> , 2021, 923, 16.	4.5	20
31	The intrinsic reddening of the Magellanic Clouds as traced by background galaxies II. The Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 993-1004.	4.4	7
32	Galaxy and mass assembly: luminosity and stellar mass functions in GAMA groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 631-652.	4.4	11
33	GAMA+KiDS: empirical correlations between halo mass and other galaxy properties near the knee of the stellar-to-halo mass relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2896-2911.	4.4	17
34	KiDS+VIKING-450 and DES-Y1 combined: Cosmology with cosmic shear. <i>Astronomy and Astrophysics</i> , 2020, 638, L1.	5.1	127
35	Galaxy And Mass Assembly (GAMA): assimilation of KiDS into the GAMA database. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3235-3256.	4.4	45
36	KiDS+VIKING-450: Cosmic shear tomography with optical and infrared data. <i>Astronomy and Astrophysics</i> , 2020, 633, A69.	5.1	246

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37	A gravitational lensing detection of filamentary structures connecting luminous red galaxies. <i>Astronomy and Astrophysics</i> , 2020, 633, A89.	5.1	11
38	KiDS+VIKING-450 and DES-Y1 combined: Mitigating baryon feedback uncertainty with COSEBIs. <i>Astronomy and Astrophysics</i> , 2020, 634, A127.	5.1	89
39	Photometric redshift calibration with self-organising maps. <i>Astronomy and Astrophysics</i> , 2020, 637, A100.	5.1	57
40	KiDS+VIKING+GAMA: Testing semi-analytic models of galaxy evolution with galaxy-galaxy lensing. <i>Astronomy and Astrophysics</i> , 2020, 640, A59.	5.1	3
41	KiDS+VIKING-450: Improved cosmological parameter constraints from redshift calibration with self-organising maps. <i>Astronomy and Astrophysics</i> , 2020, 640, L14.	5.1	49
42	Testing gravity using galaxy-galaxy lensing and clustering amplitudes in KiDS-1000, BOSS, and 2dFLenS. <i>Astronomy and Astrophysics</i> , 2020, 642, A158.	5.1	27
43	KiDS+GAMA: The weak lensing calibrated stellar-to-halo mass relation of central and satellite galaxies. <i>Astronomy and Astrophysics</i> , 2020, 642, A83.	5.1	10
44	Testing KiDS cross-correlation redshifts with simulations. <i>Astronomy and Astrophysics</i> , 2020, 642, A200.	5.1	36
45	Galaxy and Mass Assembly (GAMA): Demonstrating the Power of WISE in the Study of Galaxy Groups to $z \lesssim 0.1$. <i>Astrophysical Journal</i> , 2020, 898, 20.	4.5	21
46	Discovery of Two Einstein Crosses from Massive Post-blue Nugget Galaxies at $z \gtrsim 1$ in KiDS*. <i>Astrophysical Journal Letters</i> , 2020, 904, L31.	8.3	6
47	Luminous red galaxies in the Kilo-Degree Survey: selection with broad-band photometry and weak lensing measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3715-3733.	4.4	12
48	The intrinsic reddening of the Magellanic Clouds as traced by background galaxies I. The bar and outskirts of the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3200-3217.	4.4	8
49	The fourth data release of the Kilo-Degree Survey: <i>u</i> gr <i>i</i> imaging and nine-band optical-IR photometry over 1000 square degrees. <i>Astronomy and Astrophysics</i> , 2019, 625, A2.	5.1	186
50	LinKS: discovering galaxy-scale strong lenses in the Kilo-Degree Survey using convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3879-3896.	4.4	63
51	Towards emulating cosmic shear data: revisiting the calibration of the shear measurements for the Kilo-Degree Survey. <i>Astronomy and Astrophysics</i> , 2019, 624, A92.	5.1	72
52	KiDS+VIKING-450: A new combined optical and near-infrared dataset for cosmology and astrophysics. <i>Astronomy and Astrophysics</i> , 2019, 632, A34.	5.1	68
53	Galaxy And Mass Assembly: the G02 field, Herschel-ATLAS target selection and data release 3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3875-3888.	4.4	176
54	GAMA/G10-COSMOS/3D-HST: Evolution of the galaxy stellar mass function over 12.5 Gyr. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3491-3502.	4.4	39

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55	Galaxy and Mass Assembly (GAMA): The environmental dependence of the galaxy main sequence. <i>Astronomy and Astrophysics</i> , 2018, 618, A1.	5.1	15
56	Galaxy evolution in the metric of the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 547-571.	4.4	115
57	GAMA/G10-COSMOS/3D-HST: the Λ CDM cosmic star formation history, stellar-mass, and dust-mass densities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2891-2935.	4.4	150
58	Galaxy And Mass Assembly (GAMA): the signatures of galaxy interactions as viewed from small-scale galaxy clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1433-1464.	4.4	5
59	Galaxy And Mass Assembly (GAMA): the galaxy stellar mass function to $z=0.1$ from the r-band selected equatorial regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 283-302.	4.4	93
60	G10/COSMOS: 38 band (far-UV to far-IR) panchromatic photometry using LAMBDAR. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1569-1590.	4.4	37
61	MEASUREMENTS OF EXTRAGALACTIC BACKGROUND LIGHT FROM THE FAR UV TO THE FAR IR FROM DEEP GROUND- AND SPACE-BASED GALAXY COUNTS. <i>Astrophysical Journal</i> , 2016, 827, 108.	4.5	98
62	Galaxy And Mass Assembly: accurate panchromatic photometry from optical priors using lambdar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 765-801.	4.4	138
63	Galaxy And Mass Assembly (GAMA): Panchromatic Data Release (far-UV to far-IR) and the low- z energy budget. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3911-3942.	4.4	140
64	Galaxy And Mass Assembly (GAMA): end of survey report and data release 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 2087-2126.	4.4	436
65	Galaxy And Mass Assembly (GAMA): curation and reanalysis of 16.6k redshifts in the G10/COSMOS region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 1014-1027.	4.4	53