

Lee Kelvin

List of Publications by Year in descending order

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58
papers

5,207
citations

136950

32
h-index

182427

51
g-index

58
all docs

58
docs citations

58
times ranked

3811
citing authors

#	ARTICLE	IF	CITATIONS
1	Galaxy and Mass Assembly (GAMA): survey diagnostics and core data release. Monthly Notices of the Royal Astronomical Society, 2011, 413, 971-995.	4.4	826
2	Galaxy And Mass Assembly (GAMA): stellar mass estimates. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1587-1620.	4.4	502
3	Galaxy And Mass Assembly (GAMA): end of survey report and data release 2. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2087-2126.	4.4	436
4	Galaxy and Mass Assembly (GAMA): the GAMA galaxy group catalogue (G3Cv1). Monthly Notices of the Royal Astronomical Society, 2011, 416, 2640-2668.	4.4	283
5	Galaxy And Mass Assembly (GAMA): Structural Investigation of Galaxies via Model Analysis. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1007-1039.	4.4	273
6	Galaxy And Mass Assembly (GAMA): mass-size relations of $z \lesssim 0.1$ galaxies subdivided by SFR index, colour and morphology. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2603-2630.	4.4	196
7	Galaxy and Mass Assembly (GAMA): the star formation rate dependence of the stellar initial mass function. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1647-1662.	4.4	178
8	Galaxy And Mass Assembly: the G02 field, Herschel-ATLAS target selection and data release 3. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3875-3888.	4.4	176
9	MegaMorph - multiwavelength measurement of galaxy structure: complete SFR profile information from modern surveys. Monthly Notices of the Royal Astronomical Society, 2013, 430, 330-369.	4.4	152
10	GAMA/G10-COSMOS/3D-HST: the $0 \lesssim z \lesssim 0.5$ cosmic star formation history, stellar-mass, and dust-mass densities. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2891-2935.	4.4	150
11	Galaxy And Mass Assembly (GAMA): Panchromatic Data Release (far-UV-far-IR) and the low- z energy budget. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3911-3942.	4.4	140
12	Galaxy And Mass Assembly (GAMA): galaxy close pairs, mergers and the future fate of stellar mass. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3986-4008.	4.4	126
13	Galaxy And Mass Assembly (GAMA): deconstructing bimodality - I. Red ones and blue ones. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2144-2185.	4.4	113
14	Galaxy And Mass Assembly (GAMA): stellar mass functions by Hubble type. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1647-1659.	4.4	102
15	Galaxy And Mass Assembly (GAMA): the input catalogue and star-galaxy separation. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	93
16	Galaxy And Mass Assembly (GAMA): $\{M_{\text{star}}\}_{R_{\text{me}}}$ relations of $z \lesssim 0$ bulges, discs and spheroids. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1470-1500.	4.4	85
17	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.	4.4	81
18	Herschel-ATLAS/GAMA: a census of dust in optically selected galaxies from stacking at submillimetre wavelengths. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3027-3059.	4.4	77

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19	Galaxy And Mass Assembly: resolving the role of environment in galaxy evolution. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2903-2917.	4.4	76
20	Galaxy And Mass Assembly (GAMA): ugrizYJHK Σ luminosity functions and the cosmic spectral energy distribution by Hubble type. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1245-1269.	4.4	76
21	Galaxy And Mass Assembly (GAMA): the stellar mass budget by galaxy type. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1308-1319.	4.4	76
22	Galaxy And Mass Assembly (GAMA): Data Release 4 and the $\langle z \rangle$ < 0.1 total and $\langle z \rangle$ < 0.08 morphological galaxy stellar mass functions. Monthly Notices of the Royal Astronomical Society, 2022, 513, 439-467.	4.4	75
23	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.	4.4	73
24	Galaxy Zoo: secular evolution of barred galaxies from structural decomposition of multiband images. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4731-4753.	4.4	71
25	Galaxy Zoo DECaLS: Detailed visual morphology measurements from volunteers and deep learning for 314 million galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3966-3988.	4.4	68
26	Galaxy and Mass Assembly (GAMA): Morphological transformation of galaxies across the green valley. Monthly Notices of the Royal Astronomical Society, 2018, 476, 12-26.	4.4	58
27	Galaxy and Mass Assembly (GAMA): the stellar mass budget of galaxy spheroids and discs. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4336-4348.	4.4	49
28	Galaxy and Mass Assembly: FUV, NUV, ugrizYJHK Petrosian, Kron and Σ photometry. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	43
29	Galaxy and Mass Assembly (GAMA): the red fraction and radial distribution of satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1374-1386.	4.4	43
30	Galaxy And Mass Assembly (GAMA): the life and times of L^* galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 431, 167-193.	4.4	42
31	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.	4.4	39
32	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.	4.4	35
33	The growth of intracluster light in XCS-HSC galaxy clusters from 0.1 $\langle z \rangle$ < 0.5. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2419-2437.	4.4	34
34	GAMA/H-ATLAS: linking the properties of submm detected and undetected early-type galaxies $\leq l. z \leq 0.06$ sample. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1929-1946.	4.4	29
35	The causes of the red sequence, the blue cloud, the green valley, and the green mountain. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1183-1194.	4.4	28
36	Galaxy And Mass Assembly (GAMA): the environments of high- and low-excitation radio galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4584-4599.	4.4	26

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37	Galaxy and Mass Assembly (GAMA): variation in galaxy structure across the green valley. Monthly Notices of the Royal Astronomical Society, 2018, 477, 4116-4130.	4.4	26
38	Testing Convolutional Neural Networks for finding strong gravitational lenses in KiDS. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	23
39	Galaxy And Mass Assembly (GAMA): Timescales for galaxies crossing the green valley. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	23
40	Stellar mass-halo mass relation for the brightest central galaxies of X-ray clusters since $z \approx 0.65$. Astronomy and Astrophysics, 2019, 631, A175.	5.1	21
41	Galaxy And Mass Assembly (GAMA): detection of low-surface-brightness galaxies from SDSS data. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2746-2755.	4.4	19
42	Galaxy and mass assembly (GAMA): the consistency of GAMA and WISE derived mass-to-light ratios. Monthly Notices of the Royal Astronomical Society, 2018, 473, 776-783.	4.4	19
43	Galaxy and Mass Assembly (GAMA): merging galaxies and their properties. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2200-2211.	4.4	18
44	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.	4.7	18
45	GAMA+KiDS: empirical correlations between halo mass and other galaxy properties near the knee of the stellar-to-halo mass relation. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2896-2911.	4.4	17
46	The Diversity of Assembly Histories Leading to Disc Galaxy Formation in a Λ CDM Model. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	15
47	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.	4.4	14
48	Reproducible k-means clustering in galaxy feature data from the GAMA survey. Monthly Notices of the Royal Astronomical Society, 2019, 482, 126-150.	4.4	12
49	THE INFRARED PROPERTIES OF SOURCES MATCHED IN THE WISE ALL-SKY AND HERSCHEL ATLAS SURVEYS. Astrophysical Journal Letters, 2012, 750, L18.	8.3	11
50	Galaxy and Mass Assembly: A Comparison between Galaxy Galaxy Lens Searches in KiDS/GAMA. Astronomical Journal, 2020, 160, 223.	4.7	10
51	The Galaxy Stellar Mass Function and Low Surface Brightness Galaxies from Core-Collapse Supernovae. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	9
52	Galaxy and mass assembly (GAMA): Self-Organizing Map application on nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1972-1984.	4.4	8
53	Detection, Size, Measurement, and Structural Analysis Limits for the 2MASS, UKIDSS-LAS, and VISTA VIKING Surveys. Publications of the Astronomical Society of Australia, 2014, 31, .	3.4	7
54	galapagos-c: analysis of galaxy morphologies using high-performance computing methods. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3089-3117.	4.4	6

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55	Exploring Galaxy Formation and Evolution via Structural Decomposition. , 2010, , .		1
56	Environmental dependence of SFRs in late-type GAMA galaxies. Proceedings of the International Astronomical Union, 2011, 7, 352-356.	0.0	0
57	Quantifying secular evolution through structural decomposition. Proceedings of the International Astronomical Union, 2012, 10, 362-362.	0.0	0
58	Direct imaging of haloes and truncations in face-on nearby galaxies. Proceedings of the International Astronomical Union, 2015, 11, 39-44.	0.0	0