

# Lee Kelvin

## List of Publications by Year in descending order

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Version: 2024-02-01

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): Data Release 4 and the $\langle z \rangle$ &lt; 0.1 total and $\langle z \rangle$ &lt; 0.08 morphological galaxy stellar mass functions. Monthly Notices of the Royal Astronomical Society, 2022, 513, 439-467. | 4.4 | 75        |
| 2  | 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         |
| 3  | Galaxy Zoo DECaLS: Detailed visual morphology measurements from volunteers and deep learning for 314,000 galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3966-3988.  | 4.4 | 68        |
| 4  | The growth of intracluster light in XCS-HSC galaxy clusters from 0.1 <math>\langle z \rangle</math> &lt; 0.5. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2419-2437.   | 4.4 | 34        |
| 5  | 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        |
| 6  | Galaxy and Mass Assembly: A Comparison between Galaxy Lens Searches in KiDS/GAMA. Astronomical Journal, 2020, 160, 223.  | 4.7 | 10        |
| 7  | 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        |
| 8  | Stellar mass-halo mass relation for the brightest central galaxies of X-ray clusters since $\langle z \rangle \approx 0.65$ . Astronomy and Astrophysics, 2019, 631, A175.   | 5.1 | 21        |
| 9  | 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        |
| 10 | 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       |
| 11 | 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        |
| 12 | 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        |
| 13 | 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        |
| 14 | Exploring relations between BCG and cluster properties in the Spectroscopic Identification of eROSITA Sources survey from 0.05 <math>z</math> &lt; 0.3. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4952-4973.                 | 4.4 | 14        |
| 15 | GAMA/G10-COSMOS/3D-HST: the 0 <math>z</math> &lt; 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       |
| 16 | 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        |
| 17 | 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        |
| 18 | The Diversity of Assembly Histories Leading to Disc Galaxy Formation in a $\Lambda$ CDM Model. Publications of the Astronomical Society of Australia, 2017, 34, .  | 3.4 | 15        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 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): the stellar mass budget of galaxy spheroids and discs. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4336-4348.                                       | 4.4 | 49        |
| 23 | Galaxy And Mass Assembly (GAMA): $\{M_{\text{star}}\}_{R_{\text{me}}}$ relations of $z=0$ bulges, discs and spheroids. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1470-1500.        | 4.4 | 85        |
| 24 | 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        |
| 25 | 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.                 | 4.4 | 140       |
| 26 | Direct imaging of haloes and truncations in face-on nearby galaxies. Proceedings of the International Astronomical Union, 2015, 11, 39-44.   | 0.0 | 0         |
| 27 | 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        |
| 28 | 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       |
| 29 | Galaxy And Mass Assembly (GAMA): mass-size relations of $z < 0.1$ galaxies subdivided by Sersic index, colour and morphology. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2603-2630. | 4.4 | 196       |
| 30 | 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       |
| 31 | 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         |
| 32 | 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       |
| 33 | 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        |
| 34 | 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       |
| 35 | 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         |
| 36 | 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        |

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|----|--|-----|-----------|
| 37 | Galaxy and Mass Assembly (GAMA): merging galaxies and their properties. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2200-2211.   | 4.4 | 18        |
| 38 | Galaxy And Mass Assembly (GAMA): ugrizYJHK SÅ©rsic 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        |
| 39 | MegaMorph â€œ multiwavelength measurement of galaxy structure: complete SÅ©rsic profile information from modern surveys. Monthly Notices of the Royal Astronomical Society, 2013, 430, 330-369.              | 4.4 | 152       |
| 40 | 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        |
| 41 | Galaxy And Mass Assembly (GAMA): the life and times of LÃˆ... galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 431, 167-193.   | 4.4 | 42        |
| 42 | GAMA/H-ATLAS: linking the properties of submm detected and undetected early-type galaxies â€œ l. z â‰‰ 0.06 sample. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1929-1946.                 | 4.4 | 29        |
| 43 | Quantifying secular evolution through structural decomposition. Proceedings of the International Astronomical Union, 2012, 10, 362-362.  | 0.0 | 0         |
| 44 | THE INFRARED PROPERTIES OF SOURCES MATCHED IN THE <i>WISE</i> ALL-SKY AND <i>HERSCHEL</i> ATLAS SURVEYS. Astrophysical Journal Letters, 2012, 750, L18.  | 8.3 | 11        |
| 45 | 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       |
| 46 | HerschelÃˆ...-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        |
| 47 | Environmental dependence of SFRs in late-type GAMA galaxies. Proceedings of the International Astronomical Union, 2011, 7, 352-356.  | 0.0 | 0         |
| 48 | 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        |
| 49 | Galaxy And Mass Assembly (GAMA): stellar mass estimates. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1587-1620.  | 4.4 | 502       |
| 50 | 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       |
| 51 | 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       |
| 52 | 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       |
| 53 | Exploring Galaxy Formation and Evolution via Structural Decomposition. , 2010, , .   |     | 1         |
| 54 | Galaxy and Mass Assembly: FUV, NUV, ugrizYJHK Petrosian, Kron and SÅ©rsic photometry. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.  | 4.4 | 43        |

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|----|---|-----|-----------|
| 55 | Galaxy And Mass Assembly (GAMA): the input catalogue and star-galaxy separation. Monthly Notices of the Royal Astronomical Society, 2010, , .                 | 4.4 | 93        |
| 56 | Testing Convolutional Neural Networks for finding strong gravitational lenses in KiDS. Monthly Notices of the Royal Astronomical Society, 0, , .              | 4.4 | 23        |
| 57 | Galaxy And Mass Assembly (GAMA): Timescales for galaxies crossing the green valley. Monthly Notices of the Royal Astronomical Society, 0, , .                 | 4.4 | 23        |
| 58 | 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         |