

# Joss Bland-Hawthorn

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

579  
papers

28,722  
citations

85  
h-index

140  
g-index

606  
ext. papers

33,036  
ext. citations

4.7  
avg, IF

6.95  
L-index

#	Paper	IF	Citations
579	GASKAP-HI pilot survey science I: ASKAP zoom observations of HI emission in the Small Magellanic Cloud. <i>Publications of the Astronomical Society of Australia</i> , <b>2022</b> , 39,	5.5	2
578	Multi-scale feedback and feeding in the closest radio galaxy Centaurus A. <i>Nature Astronomy</i> , <b>2022</b> , 6, 109-120	12.1	1
577	The GALAH Survey: chemical tagging and chrono-chemodynamics of accreted halo stars with GALAH+ DR3 and Gaia eDR3. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 510, 2407-2436	4.3	4
576	The SAMI Galaxy Survey: The Internal Orbital Structure and Mass Distribution of Passive Galaxies from Triaxial Orbit-superposition Schwarzschild Models. <i>Astrophysical Journal</i> , <b>2022</b> , 930, 153	4.7	3
575	The GALAH Survey: A New Sample of Extremely Metal-poor Stars Using a Machine-learning Classification Algorithm. <i>Astrophysical Journal</i> , <b>2022</b> , 930, 47	4.7	0
574	Tracing the Milky Way's Vestigial Nuclear Jet. <i>Astrophysical Journal</i> , <b>2021</b> , 922, 254	4.7	6
573	Exploring the dust content of galactic haloes with Herschel III. NGC 891. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 969-984	4.3	5
572	Exploring the dust content of galactic haloes with Herschel IV. NGC 3079. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 508, 4902-4918	4.3	2
571	Signature of a Massive Rotating Metal-poor Star Imprinted in the Phoenix Stellar Stream*. <i>Astrophysical Journal</i> , <b>2021</b> , 921, 67	4.7	0
570	Galactic seismology: the evolving phase spiral after the Sagittarius dwarf impact. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 504, 3168-3186	4.3	18
569	A SAMI and MaNGA view on the stellar kinematics of galaxies on the star-forming main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 4992-5005	4.3	6
568	The GALAH Survey: using galactic archaeology to refine our knowledge of TESS target stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 504, 4968-4989	4.3	5
567	The SAMI Galaxy Survey: stellar population and structural trends across the Fundamental Plane. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 504, 5098-5130	4.3	11
566	Identification of an [Fe]-enhanced Thick Disk Component in an Edge-on Milky Way Analog. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 913, L11	7.9	2
565	The SAMI Galaxy Survey: a statistical approach to an optimal classification of stellar kinematics in galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 3078-3106	4.3	9
564	The GALAH+ survey: Third data release. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 150-201	4.3	70
563	The SAMI Galaxy Survey: the role of disc fading and progenitor bias in kinematic transitions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 2247-2266	4.3	4

562	Fundamental relations for the velocity dispersion of stars in the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 1761-1776	4.3	12
561	Quantum memories and the double-slit experiment: implications for astronomical interferometry. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2021</b> , 38, A86	1.7	4
560	The GALAH survey: Chemical homogeneity of the Orion complex. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 4232-4250	4.3	3
559	The GALAH survey: accreted stars also inhabit the Spite plateau. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 43-54	4.3	4
558	Milky Way Tomography with the SkyMapper Southern Survey. II. Photometric Recalibration of SMSS DR2. <i>Astrophysical Journal</i> , <b>2021</b> , 907, 68	4.7	8
557	The SAMI Galaxy Survey: Bulge and Disk Stellar Population Properties in Cluster Galaxies. <i>Astrophysical Journal</i> , <b>2021</b> , 906, 100	4.7	6
556	The GALAH survey: tracing the Galactic disc with open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 3279-3296	4.3	23
555	The SAMI Galaxy Survey: the third and final data release. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> ,	4.3	20
554	Chemical enrichment and radial migration in the Galactic disc [the origin of the [Fe] double sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 5882-5901	4.3	11
553	The GALAH survey: effective temperature calibration from the InfraRed Flux Method in the Gaia system. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 2684-2696	4.3	10
552	The SAMI Galaxy Survey: Detection of Environmental Dependence of Galaxy Spin in Observations and Simulations Using Marked Correlation Functions. <i>Astrophysical Journal</i> , <b>2021</b> , 918, 84	4.7	1
551	The SAMI Galaxy Survey: reconciling strong emission line metallicity diagnostics using metallicity gradients. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 3357-3373	4.3	7
550	Mapping the tilt of the Milky Way bulge velocity ellipsoids with ARGOS and Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 1740-1752	4.3	2
549	The SAMI Galaxy Survey: decomposed stellar kinematics of galaxy bulges and disks. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 4638-4658	4.3	15
548	The SAMI galaxy survey: gas velocity dispersions in low-z star-forming galaxies and the drivers of turbulence. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 2265-2284	4.3	17
547	The GALAH survey: a new constraint on cosmological lithium and Galactic lithium evolution from warm dwarf stars. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2020</b> , 497, L30-L34	4.3	13
546	The GALAH survey: chemodynamics of the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 2952-2964	4.3	28
545	A Multi-Core Fibre Photonic Lantern-Based Spectrograph for Raman Spectroscopy. <i>IEEE Photonics Technology Letters</i> , <b>2020</b> , 32, 395-398	2.2	5

544	The INSPIRE-2 CubeSat for the QB50 Project. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	1
543	The GALAH Survey: Chemically tagging the Fimbulthul stream to the globular cluster $\Omega$ Centauri. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 3374-3384	4.3	13
542	First demonstration of OH suppression in a high-efficiency near-infrared spectrograph. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 492, 2796-2806	4.3	10
541	PRAXIS: an OH suppression optimised near infrared spectrograph <b>2020</b> ,		2
540	The Sixth Data Release of the Radial Velocity Experiment (Rave). II. Stellar Atmospheric Parameters, Chemical Abundances, and Distances. <i>Astronomical Journal</i> , <b>2020</b> , 160, 83	4.9	26
539	The Sixth Data Release of the Radial Velocity Experiment (RAVE). I. Survey Description, Spectra, and Radial Velocities. <i>Astronomical Journal</i> , <b>2020</b> , 160, 82	4.9	26
538	The Southern Stellar Stream Spectroscopic Survey (S5): Chemical Abundances of Seven Stellar Streams. <i>Astronomical Journal</i> , <b>2020</b> , 160, 181	4.9	24
537	StarGas Misalignment in Galaxies. I. The Properties of Galaxies from the Horizon-AGN Simulation and Comparisons to SAMI. <i>Astrophysical Journal</i> , <b>2020</b> , 894, 106	4.7	9
536	The SAMI Galaxy Survey: Stellar Population Gradients of Central Galaxies. <i>Astrophysical Journal</i> , <b>2020</b> , 896, 75	4.7	15
535	Abundances in the Milky Way across Five Nucleosynthetic Channels from 4 Million LAMOST Stars. <i>Astrophysical Journal</i> , <b>2020</b> , 898, 58	4.7	16
534	Exploring Hydrodynamic Instabilities along the Infalling High-velocity Cloud Complex A. <i>Astrophysical Journal</i> , <b>2020</b> , 902, 154	4.7	4
533	The R-Process Alliance: Fourth Data Release from the Search for R-process-enhanced Stars in the Galactic Halo. <i>Astrophysical Journal, Supplement Series</i> , <b>2020</b> , 249, 30	8	23
532	Crepuscular Rays from the Highly Inclined Active Galactic Nucleus in IC 5063*. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 902, L18	7.9	6
531	Kinematics of the Magellanic Stream and Implications for Its Ionization. <i>Astrophysical Journal</i> , <b>2020</b> , 897, 23	4.7	5
530	The GALAH Survey: non-LTE departure coefficients for large spectroscopic surveys. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, A62	5.1	25
529	The GALAH survey: characterization of emission-line stars with spectral modelling using autoencoders. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 500, 4849-4865	4.3	3
528	Centrally concentrated molecular gas driving galactic-scale ionized gas outflows in star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 500, 3802-3820	4.3	2
527	Galaxy And Mass Assembly (GAMA): properties and evolution of red spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 398-408	4.3	8

526	Discovery of a nearby 1700 km s <sup>-1</sup> star ejected from the Milky Way by Sgr A*. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 2465-2480	4-3	47
525	The GALAH survey: temporal chemical enrichment of the galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 2043-2056	4-3	15
524	The SAMI galaxy survey: a range in S0 properties indicating multiple formation pathways. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 2372-2383	4-3	11
523	K2-HERMES II. Planet-candidate properties from K2 Campaigns 1-13. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 496, 851-863	4-3	5
522	The SAMI Fornax Dwarfs Survey I: sample, observations, and the specific stellar angular momentum of dwarf elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 497, 1571-1582	4-3	10
521	Galaxy and mass assembly: luminosity and stellar mass functions in GAMA groups. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 631-652	4-3	6
520	The M31/M33 tidal interaction: a hydrodynamic simulation of the extended gas distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 5636-5647	4-3	6
519	The formation times and building blocks of Milky Way-mass galaxies in the FIRE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 497, 747-764	4-3	24
518	The SAMI Galaxy Survey: rules of behaviour for spin-ellipticity radial tracks in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 324-343	4-3	2
517	The SAMI Galaxy Survey: first detection of a transition in spin orientation with respect to cosmic filaments in the stellar kinematics of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 2864-2884	4-3	29
516	The GALAH survey and Gaia DR2: Linking ridges, arches, and vertical waves in the kinematics of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 4962-4979	4-3	35
515	The R-Process Alliance: Discovery of a Low- $\alpha$ -process-enhanced Metal-poor Star in the Galactic Halo. <i>Astrophysical Journal</i> , <b>2019</b> , 874, 148	4-7	11
514	The GALAH survey: unresolved triple Sun-like stars discovered by the Gaia mission. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 2474-2490	4-3	3
513	The SAMI Galaxy Survey: Quenching of Star Formation in Clusters I. Transition Galaxies. <i>Astrophysical Journal</i> , <b>2019</b> , 873, 52	4-7	43
512	The SAMI Galaxy Survey: Kinematic Alignments of Early-type Galaxies in A119 and A168. <i>Astrophysical Journal</i> , <b>2019</b> , 875, 60	4-7	2
511	The SAMI galaxy survey: exploring the gas-phase mass-metallicity relation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 3042-3070	4-3	46
510	The SAMI Galaxy Survey: Bayesian inference for gas disc kinematics using a hierarchical Gaussian mixture model. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 4024-4044	4-3	10
509	The neutral hydrogen properties of galaxies in gas-rich groups. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 5409-5425	4-3	8

508	KROSSBAMI: a direct IFS comparison of the Tully-Fisher relation across 8 Gyr since z=1. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 2166-2188	4.3	26
507	Hierarchical Bayesian approach for estimating physical properties in nearby galaxies: Age Maps (Paper II). <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 2641-2670	4.3	2
506	The SAMI Galaxy Survey: comparing 3D spectroscopic observations with galaxies from cosmological hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 484, 869-891	4.3	43
505	The SAMI Galaxy Survey: satellite galaxies undergo little structural change during their quenching phase. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 2656-2665	4.3	24
504	The GALAH survey and Gaia DR2: dissecting the stellar disc phase space by age, action, chemistry, and location. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 1167-1191	4.3	93
503	Galaxy And Mass Assembly (GAMA): Environmental Quenching of Centrals and Satellites in Groups. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> ,	4.3	23
502	The Magellanic System: the puzzle of the leading gas stream. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 918-938	4.3	19
501	ASKAP commissioning observations of the GAMA 23 field. <i>Publications of the Astronomical Society of Australia</i> , <b>2019</b> , 36,	5.5	6
500	The SAMI Galaxy Survey: mass kinematics scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 487, 2924-2936	4.3	17
499	Star Clusters Across Cosmic Time. <i>Annual Review of Astronomy and Astrophysics</i> , <b>2019</b> , 57, 227-303	31.7	190
498	The SAMI galaxy survey: stellar population radial gradients in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 608-622	4.3	22
497	Single-lined Spectroscopic Binary Star Candidates from a Combination of the RAVE and Gaia DR2 Surveys. <i>Astronomical Journal</i> , <b>2019</b> , 158, 155	4.9	5
496	The southern stellar stream spectroscopic survey (S5): Overview, target selection, data reduction, validation, and early science. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 3508-3531	4.3	44
495	A Data-driven Model of Nucleosynthesis with Chemical Tagging in a Lower-dimensional Latent Space. <i>Astrophysical Journal</i> , <b>2019</b> , 887, 73	4.7	4
494	Discovery of a 21 Myr old stellar population in the Orion complex. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 631, A166	5.1	14
493	The GALAH survey: An abundance, age, and kinematic inventory of the solar neighbourhood made with TGAS. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 624, A19	5.1	61
492	The Large-scale Ionization Cones in the Galaxy. <i>Astrophysical Journal</i> , <b>2019</b> , 886, 45	4.7	17
491	The OTELO survey. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 631, A9	5.1	11

490	The K2-HERMES Survey: age and metallicity of the thick disc. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 5335-5352	4.3	40
489	The CALIFA view on stellar angular momentum across the Hubble sequence. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 632, A59	5.1	25
488	The GALAH survey: co-orbiting stars and chemical tagging. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 5302-5315	4.3	12
487	The SAMI Galaxy Survey: observing the environmental quenching of star formation in GAMA groups. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 2851-2870	4.3	25
486	The GALAH survey: a catalogue of carbon-enhanced stars and CEMP candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 3196-3212	4.3	5
485	The GALAH survey: velocity fluctuations in the Milky Way using Red Clump giants. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 4215-4232	4.3	3
484	The SAMI Galaxy Survey: stellar and gas misalignments and the origin of gas in nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 483, 458-479	4.3	27
483	Systematic study of outflows in the Local Universe using CALIFA: I. Sample selection and main properties. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 4032-4056	4.3	30
482	Is the Milky Way still breathing? RAVE Gaia streaming motions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 2679-2696	4.3	37
481	The K2-HERMES Survey. I. Planet-candidate Properties from K2 Campaigns 1B. <i>Astronomical Journal</i> , <b>2018</b> , 155, 84	4.9	33
480	A relation between the characteristic stellar ages of galaxies and their intrinsic shapes. <i>Nature Astronomy</i> , <b>2018</b> , 2, 483-488	12.1	35
479	The GALAH survey: properties of the Galactic disc(s) in the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 5216-5232	4.3	29
478	Astrophysical signatures of leptonium. <i>European Physical Journal D</i> , <b>2018</b> , 72, 1	1.3	4
477	Galaxy And Mass Assembly: the G02 field, Herschel-ATLAS target selection and data release 3. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 3875-3888	4.3	95
476	Modelling Kepler red giants in eclipsing binaries: calibrating the mixing-length parameter with asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 981-998	4.3	33
475	Galaxy And Mass Assembly: automatic morphological classification of galaxies using statistical learning. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 5232-5258	4.3	15
474	Galaxy And Mass Assembly (GAMA): The mechanisms for quiescent galaxy formation at $z'$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 1168-1185	4.3	30
473	The SAMI Galaxy Survey: understanding observations of large-scale outflows at low redshift with EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 380-397	4.3	6

472	Galaxy and mass assembly (GAMA): the consistency of GAMA and WISE derived mass-to-light ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 776-783	4.3	14
471	Exploring the dust content of galactic winds with Herschel III. Nearby dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 699-726	4.3	11
470	The GALAH survey: stellar streams and how stellar velocity distributions vary with Galactic longitude, hemisphere, and metallicity. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 228-254	4.3	24
469	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> , <b>2018</b> , 479, 1433-1464	4.3	4
468	Deep Extragalactic Visible Legacy Survey (DEVILS): motivation, design, and target catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 768-799	4.3	34
467	Where are the most ancient stars in the Milky Way?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 652-668	4.3	63
466	The Sagittarius dwarf galaxy: where did all the gas go?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 5263-5277	4.3	18
465	The GALAH survey and Gaia DR2: (non-)existence of five sparse high-latitude open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 5242-5259	4.3	21
464	The local rotation curve of the Milky Way based on SEGUE and RAVE data. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 614, A63	5.1	10
463	Galaxy And Mass Assembly (GAMA): the effect of galaxy group environment on active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 4223-4234	4.3	16
462	Galaxy and Mass Assembly (GAMA): small-scale anisotropic galaxy clustering and the pairwise velocity dispersion of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 3435-3450	4.3	7
461	Improved distances and ages for stars common to TGAS and RAVE. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 5279-5300	4.3	23
460	The SAMI Galaxy Survey: Gravitational Potential and Surface Density Drive Stellar Populations. I. Early-type Galaxies. <i>Astrophysical Journal</i> , <b>2018</b> , 856, 64	4.7	22
459	Characterization of Low Loss Waveguides Using Bragg Gratings. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2018</b> , 24, 1-8	3.8	365
458	Opening the dynamic infrared sky <b>2018</b> ,		1
457	Towards a multi-input astrophotonic AWG spectrograph <b>2018</b> ,		1
456	On the origin of core-to-core variations in multi-core fibre Bragg gratings <b>2018</b> ,		3
455	Add-drop filter with complex waveguide Bragg grating and multimode interferometer operating on arbitrarily spaced channels. <i>Optics Letters</i> , <b>2018</b> , 43, 6045-6048	3	9



454	PRAXIS: an OH suppression optimised near infrared spectrograph <b>2018</b> ,		2
453	Hector: a modular integral field spectrograph instrument for the Anglo-Australian Telescope <b>2018</b> ,		1
452	Magnetic Fields in the Galactic Halo Restrict Fountain-driven Recycling and Accretion. <i>Astrophysical Journal</i> , <b>2018</b> , 865, 64	4-7	29
451	Probing the Southern Fermi Bubble in Ultraviolet Absorption Using Distant AGNs. <i>Astrophysical Journal</i> , <b>2018</b> , 860, 98	4-7	18
450	PKS B1740-517: An ALMA view of the cold gas feeding a distant interacting young radio galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> ,	4-3	10
449	The SAMI Galaxy Survey: embedded discs and radial trends in outer dynamical support across the Hubble sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 3105-3116	4-3	7
448	The SAMI Galaxy Survey: Data Release Two with absorption-line physics value-added products. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 2299-2319	4-3	53
447	Silicon Nitride/Silicon Dioxide Echelle Grating Spectrometer for Operation Near 1.55 $\mu\text{m}$ . <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-7	1-8	5
446	The R-Process Alliance: First Release from the Northern Search for r-process-enhanced Metal-poor Stars in the Galactic Halo. <i>Astrophysical Journal</i> , <b>2018</b> , 868, 110	4-7	58
445	Holistic spectroscopy: complete reconstruction of a wide-field, multiobject spectroscopic image using a photonic comb. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 5475-5494	4-3	5
444	Group quenching and galactic conformity at low redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 2684-2704	4-3	12
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438	Near-identical star formation rate densities from H $\alpha$ and FUV at redshift zero. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 480, 119-133	4-3	7
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4 <sup>06</sup>	Observational hints of radial migration in disc galaxies from CALIFA. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 604, A4	5.1	19
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357	IMF shape constraints from stellar populations and dynamics from CALIFA. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 463, 3220-3225	4.3	53
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321	Ultra-broadband High Coupling Efficiency Using a Si $_{3}$ N $_{4}$ /SiO $_{2}$ waveguide on silicon <b>2016</b> ,		1
320	Precision radial velocities with inexpensive compact spectrographs <b>2016</b> ,		2
319	Development of high-resolution arrayed waveguide grating spectrometers for astronomical applications: first results <b>2016</b> ,		3
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302	Galaxy And Mass Assembly (GAMA): mass-size relations of z Monthly Notices of the Royal Astronomical Society, <b>2015</b> , 447, 2603-2630	4.3	148
301	Galaxy And Mass Assembly (GAMA) blended spectra catalogue: strong galaxy-galaxy lens and occulting galaxy pair candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 4277-4287	4.3	11
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299	ULTRAFAINST DWARF GALAXIES: THE LOWEST-MASS RELICS FROM BEFORE REIONIZATION. <i>Astrophysical Journal</i> , <b>2015</b> , 807, 154	4.7	62
298	Wavelength-selective switch with direct few mode fiber integration. <i>Optics Express</i> , <b>2015</b> , 23, 5723-37	3.3	26
297	The SAMI Galaxy Survey: A prototype data archive for Big Science exploration. <i>Astronomy and Computing</i> , <b>2015</b> , 13, 58-66	2.4	1
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295	Galaxy and mass assembly (GAMA): projected galaxy clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 454, 2120-2145	4.3	40
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293	Galaxy And Mass Assembly (GAMA): bivariate functions of H $\alpha$ star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 447, 875-901	4.3	18

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277	Star formation in the local Universe from the CALIFA sample. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 584, A87	5.1	78
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271	Galaxy And Mass Assembly (GAMA): end of survey report and data release 2. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 2087-2126	4.3	329
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264	Constraining the Galaxy's dark halo with RAVE stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 445, 3133-3151	4.3	135
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250	Towards a spectroscopic survey of one hundred thousand spatially resolved galaxies with Hector <b>2014</b> ,		1
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237	Herschel-ATLAS/GAMA: How does the far-IR luminosity function depend on galaxy group properties?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 442, 2253-2270	4.3	8
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234	Galaxy And Mass Assembly (GAMA): testing galaxy formation models through the most massive galaxies in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 440, 762-775	4.3	38
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225	Correcting vortex splitting in higher order vortex beams. <i>Optics Express</i> , <b>2014</b> , 22, 9920-31	3.3	15
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217	The Smith Cloud and its dark matter halo: survival of a Galactic disc passage. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 442, 2883-2891	4.3	26
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211	Focal ratio degradation in lightly fused hexabundles. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 438, 869-877	4.3	82
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200	The nature of the near-infrared interline sky background using fibre Bragg grating OH suppression. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 432, 3262-3277	4.3	14
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198	The wobbly Galaxy: kinematics north and south with RAVE red-clump giants. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 436, 101-121	4.3	188
197	ARGOS II. The Galactic bulge survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 428, 3660-3670	4.3	99
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175	Mode-selective dissimilar fiber photonic-lantern spatial multiplexers for few-mode fiber <b>2013</b> ,		17
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147	Galaxy And Mass Assembly (GAMA): the 0.013 Monthly Notices of the Royal Astronomical Society, <b>2012</b> , 427, 3244-3264	4-3	75
146	NanoSpec: a diffraction limited micro-spectrograph for pico- and nano-satellites <b>2012</b> ,		2
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140	PRAXIS: a low background NIR spectrograph for fibre Bragg grating OH suppression <b>2012</b> ,		5
139	Multicore fibre Bragg grating developments for OH suppression <b>2012</b> ,		6
138	Potential applications of ring resonators for astronomical instrumentation <b>2012</b> ,		3
137	The Photonic TIGER: a multicore fiber-fed spectrograph <b>2012</b> ,		16
136	OSIRIS tunable imager and spectrograph for the GTC: from design to commissioning <b>2012</b> ,		8
135	GNOSIS: a novel near-infrared OH suppression unit at the AAT <b>2012</b> ,		3
134	SAMI: a new multi-object IFS for the Anglo-Australian Telescope <b>2012</b> ,		5
133	Integrating the HERMES spectrograph for the AAT <b>2012</b> ,		7
132	Demonstration and design of a compact diffraction limited spectrograph <b>2012</b> ,		2
131	Square-core bundles for astronomical imaging <b>2012</b> ,		8

130	Hector: a high-multiplex survey instrument for spatially resolved galaxy spectroscopy <b>2012</b> ,		8
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119	Redesign of the integrated photonic spectrograph for improved astronomical performance <b>2012</b> ,		2
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117	KOALA: a wide-field 1000 element integral-field unit for the Anglo-Australian Telescope <b>2012</b> ,		3
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80	Galaxy And Mass Assembly (GAMA): stellar mass estimates. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 418, 1587-1620	4-3	405
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64	THE VELA CLOUD: A GIANT H I ANOMALY IN THE NGC 3256 GROUP. <i>Astronomical Journal</i> , <b>2010</b> , 139, 102-119	4.9	27
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60	Miniature astronomical spectrographs using arrayed-waveguide gratings: capabilities and limitations <b>2010</b> ,		4
59	ERASMUS-F: pathfinder for an E-ELT 3D instrumentation <b>2010</b> ,		1

58	Defining requirements and identifying relevant technologies in astrophotonics <b>2010</b> ,		1
57	HERMES: revisions in the design for a high-resolution multi-element spectrograph for the AAT <b>2010</b> ,		8
56	Efficient multi-mode to single-mode conversion in a 61 port photonic lantern <b>2010</b> ,		2
55	Hexabundles: imaging fibre arrays for low-light astronomical applications <b>2010</b> ,		2
54	PIMMS: photonic integrated multimode microspectrograph <b>2010</b> ,		36
53	Miniature spectrographs: characterization of arrayed waveguide gratings for astronomy <b>2010</b> ,		2
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28	THE ABUNDANCE GRADIENT IN THE EXTREMELY FAINT OUTER DISK OF NGC 300. <i>Astrophysical Journal</i> , <b>2009</b> , 697, 361-372	4.7	60
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16	FLEX - the first light explorer: a fully OH-suppressed near-infrared integral field spectrograph <b>2008</b> ,		2
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14	FLEX-the first light explorer: a pathfinder instrument for fibre Bragg grating OH suppression <b>2008</b> ,		2
13	The disruption of the Magellanic Stream. <i>Proceedings of the International Astronomical Union</i> , <b>2008</b> , 4, 122-128	0.1	
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11	Ionization Cone in the X-Ray Binary LMC X-1. <i>Astrophysical Journal</i> , <b>2008</b> , 687, L29-L32	4.7	11
10	Three-Dimensional Simulations of a Starburst-driven Galactic Wind. <i>Astrophysical Journal</i> , <b>2008</b> , 674, 157-171	4.7	135
9	THE RADIAL VELOCITY EXPERIMENT (RAVE): SECOND DATA RELEASE. <i>Astronomical Journal</i> , <b>2008</b> , 136, 421-451	4.9	193
8	Diffuse interstellar bands in RAVE survey spectra. <i>Astronomy and Astrophysics</i> , <b>2008</b> , 488, 969-973	5.1	37
7	A Long Overdue Synthesis Image of Centaurus A. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , <b>2008</b> , 287-288	0.3	
6	How does Gas Get into Galaxies?. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , <b>2008</b> , 259-264	0.3	1
5	Galactic kinematics with RAVE data. <i>Astronomy and Astrophysics</i> , <b>2008</b> , 480, 753-765	5.1	61

4	Chemical Homogeneity in Collinder 261 and Implications for Chemical Tagging. <i>Astronomical Journal</i> , <b>2007</b> , 133, 1161-1175	4.9	105
3	The GALAH Survey: Dependence of elemental abundances on age and metallicity for stars in the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	5
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