

# Joss Bland-Hawthorn

## List of Publications by Citations

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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	OVERVIEW OF THE SDSS-IV MaNGA SURVEY: MAPPING NEARBY GALAXIES AT APACHE POINT OBSERVATORY. <i>Astrophysical Journal</i> , <b>2015</b> , 798, 7	4.7	818
578	The Galaxy in Context: Structural, Kinematic, and Integrated Properties. <i>Annual Review of Astronomy and Astrophysics</i> , <b>2016</b> , 54, 529-596	31.7	786
577	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 538, A8	5.1	745
576	Galaxy and Mass Assembly (GAMA): survey diagnostics and core data release. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 413, 971-995	4.3	676
575	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
574	The GALAH survey: scientific motivation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 2604-2617	4.3	386
573	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
572	THE RADIAL VELOCITY EXPERIMENT (RAVE): FIFTH DATA RELEASE. <i>Astronomical Journal</i> , <b>2017</b> , 153, 75	4.9	334
571	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
570	A characteristic oxygen abundance gradient in galaxy disks unveiled with CALIFA. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 563, A49	5.1	308
569	The SAMI Galaxy Survey: instrument specification and target selection. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 447, 2857-2879	4.3	285
568	THE RADIAL VELOCITY EXPERIMENT (RAVE): FOURTH DATA RELEASE. <i>Astronomical Journal</i> , <b>2013</b> , 146, 134	4.9	255
567	GAMA: towards a physical understanding of galaxy formation. <i>Astronomy and Geophysics</i> , <b>2009</b> , 50, 5.12-5.19		253
566	Mode-selective photonic lanterns for space-division multiplexing. <i>Optics Express</i> , <b>2014</b> , 22, 1036-44	3.3	229
565	GALAXIA: A CODE TO GENERATE A SYNTHETIC SURVEY OF THE MILKY WAY. <i>Astrophysical Journal</i> , <b>2011</b> , 730, 3	4.7	227
564	Galaxy And Mass Assembly (GAMA): Structural Investigation of Galaxies via Model Analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 421, 1007-1039	4.3	220
563	ARGOS III. Stellar populations in the Galactic bulge of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 430, 836-857	4.3	211

562	EVIDENCE FOR A NONUNIFORM INITIAL MASS FUNCTION IN THE LOCAL UNIVERSE. <i>Astrophysical Journal</i> , <b>2009</b> , 695, 765-780	4.7	200
561	The RAVE survey: the Galactic escape speed and the mass of the Milky Way. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 562, A91	5.1	197
560	The Sydney-AAO Multi-object Integral field spectrograph. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , no-no	4.3	196
559	THE RADIAL VELOCITY EXPERIMENT (RAVE): SECOND DATA RELEASE. <i>Astronomical Journal</i> , <b>2008</b> , 136, 421-451	4.9	193
558	The GALAH Survey: second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 4513-4552	4.3	193
557	Star Clusters Across Cosmic Time. <i>Annual Review of Astronomy and Astrophysics</i> , <b>2019</b> , 57, 227-303	31.7	190
556	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
555	Galaxy And Mass Assembly (GAMA): the galaxy stellar mass function at z Monthly Notices of the Royal Astronomical Society, <b>2012</b> , no-no	4.3	181
554	Mass-metallicity relation explored with CALIFA. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 554, A58	5.1	177
553	The CALIFA survey across the Hubble sequence. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 581, A103	5.1	175
552	THREE-DIMENSIONAL INTEGRAL FIELD OBSERVATIONS OF 10 GALACTIC WINDS. I. EXTENDED PHASE (?10 Myr) OF MASS/ENERGY INJECTION BEFORE THE WIND BLOWS. <i>Astrophysical Journal</i> , <b>2010</b> , 711, 818-852	4.7	174
551	CALIFA: a diameter-selected sample for an integral field spectroscopy galaxy survey. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 569, A1	5.1	170
550	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 549, A87	5.1	155
549	Ultrafast laser inscription of an integrated photonic lantern. <i>Optics Express</i> , <b>2011</b> , 19, 5698-705	3.3	155
548	Galaxy and Mass Assembly (GAMA): the star formation rate dependence of the stellar initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 415, 1647-1662	4.3	149
547	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
546	THE RADIAL VELOCITY EXPERIMENT (RAVE): THIRD DATA RELEASE. <i>Astronomical Journal</i> , <b>2011</b> , 141, 187	4.9	146
545	GALAXY AND MASS ASSEMBLY (GAMA): MID-INFRARED PROPERTIES AND EMPIRICAL RELATIONS FROMWISE. <i>Astrophysical Journal</i> , <b>2014</b> , 782, 90	4.7	145

544	Galaxy And Mass Assembly (GAMA): spectroscopic analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 430, 2047-2066	4.3	145
543	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A36	5.1	145
542	Photonic lanterns: a study of light propagation in multimode to single-mode converters. <i>Optics Express</i> , <b>2010</b> , 18, 8430-9	3.3	143
541	ON THE SHOULDERS OF GIANTS: PROPERTIES OF THE STELLAR HALO AND THE MILKY WAY MASS DISTRIBUTION. <i>Astrophysical Journal</i> , <b>2014</b> , 794, 59	4.7	141
540	ARGOS IV. The kinematics of the Milky Way bulge. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 432, 2092-2103	4.3	140
539	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
538	Three-Dimensional Simulations of a Starburst-driven Galactic Wind. <i>Astrophysical Journal</i> , <b>2008</b> , 674, 157-171	4.7	135
537	CALIFA, the Calar Alto Legacy Integral Field Area survey. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, A135	5.1	133
536	Geometric requirements for photonic lanterns in space division multiplexing. <i>Optics Express</i> , <b>2012</b> , 20, 27123-32	3.3	133
535	STELLAR POPULATION SYNTHESIS BASED MODELING OF THE MILKY WAY USING ASTEROSEISMOLOGY OF 13,000 KEPLER RED GIANTS. <i>Astrophysical Journal</i> , <b>2016</b> , 822, 15	4.7	128
534	KINEMATICS OF THE STELLAR HALO AND THE MASS DISTRIBUTION OF THE MILKY WAY USING BLUE HORIZONTAL BRANCH STARS. <i>Astrophysical Journal</i> , <b>2012</b> , 761, 98	4.7	128
533	STARBURST-DRIVEN GALACTIC WINDS: FILAMENT FORMATION AND EMISSION PROCESSES. <i>Astrophysical Journal</i> , <b>2009</b> , 703, 330-347	4.7	128
532	Evolution of galactic discs: multiple patterns, radial migration, and disc outskirts. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 548, A126	5.1	128
531	Stellar population gradients in galaxy discs from the CALIFA survey. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 570, A6	5.1	124
530	Integral field spectroscopy of a sample of nearby galaxies. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 546, A2	5.1	124
529	Galaxy and Mass Assembly (GAMA): ugriz galaxy luminosity functions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 420, 1239-1262	4.3	124
528	The GALAH survey: observational overview and GaiaDR1 companion. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 3203-3219	4.3	123
527	THE LONG-TERM EVOLUTION OF THE GALACTIC DISK TRACED BY DISSOLVING STAR CLUSTERS. <i>Astrophysical Journal</i> , <b>2010</b> , 713, 166-179	4.7	120

526	The star formation history of CALIFA galaxies: Radial structures. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 562, A47	5.1	118
525	The SAMI Galaxy Survey: shocks and outflows in a normal star-forming galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 444, 3894-3910	4.3	118
524	Galaxy And Mass Assembly (GAMA): improved cosmic growth measurements using multiple tracers of large-scale structure. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 436, 3089-3105	4.3	117
523	THE ORIGIN OF THE SPLIT RED CLUMP IN THE GALACTIC BULGE OF THE MILKY WAY. <i>Astrophysical Journal</i> , <b>2012</b> , 756, 22	4.7	114
522	THE COS/UVES ABSORPTION SURVEY OF THE MAGELLANIC STREAM. III. IONIZATION, TOTAL MASS, AND INFLOW RATE ONTO THE MILKY WAY. <i>Astrophysical Journal</i> , <b>2014</b> , 787, 147	4.7	113
521	SPATIALLY RESOLVED STAR FORMATION MAIN SEQUENCE OF GALAXIES IN THE CALIFA SURVEY. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 821, L26	7.9	112
520	Pregalactic metal enrichment: The chemical signatures of the first stars. <i>Reviews of Modern Physics</i> , <b>2013</b> , 85, 809-848	40.5	109
519	The 2dF-SDSS LRG and QSO Survey: evolution of the clustering of luminous red galaxies since $z=0.6$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2008</b> , 387, 1045-1062	4.3	109
518	The SAMI Galaxy Survey: Early Data Release. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 446, 1567-1583	4.3	108
517	Chemical Homogeneity in Collinder 261 and Implications for Chemical Tagging. <i>Astronomical Journal</i> , <b>2007</b> , 133, 1161-1175	4.9	105
516	Shape of the oxygen abundance profiles in CALIFA face-on spiral galaxies. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 587, A70	5.1	103
515	Star formation along the Hubble sequence. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 590, A44	5.1	103
514	Galaxy And Mass Assembly: accurate panchromatic photometry from optical priors using $\lambda_{\text{bar}}$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 765-801	4.3	102
513	The SAMI Galaxy Survey: the link between angular momentum and optical morphology. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 463, 170-184	4.3	101
512	Galaxy And Mass Assembly (GAMA): Panchromatic Data Release (Far-UV $\lambda_{\text{bar}}$ -IR) and the low-zenergy budget. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 455, 3911-3942	4.3	100
511	ARGOS III. The Galactic bulge survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 428, 3660-3670	4.5	99
510	The 2dF-SDSS LRG and QSO Survey: the spectroscopic QSO catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2009</b> , 392, 19-44	4.3	99
509	Radial mixing in the outer Milky Way disc caused by an orbiting satellite. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2009</b> , 397, 1599-1606	4.3	99

508	Efficient multi-mode to single-mode coupling in a photonic lantern. <i>Optics Express</i> , <b>2009</b> , 17, 1988-94	3.3	99
507	KINEMATIC MODELING OF THE MILKY WAY USING THE RAVE AND GCS STELLAR SURVEYS. <i>Astrophysical Journal</i> , <b>2014</b> , 793, 51	4.7	96
506	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
505	Galaxy And Mass Assembly (GAMA): galaxy close pairs, mergers and the future fate of stellar mass. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 444, 3986-4008	4.3	95
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	Hexabundles: imaging fiber arrays for low-light astronomical applications. <i>Optics Express</i> , <b>2011</b> , 19, 2649-2661	3.6	92
502	The properties of the local spiral arms from RAVE data: two-dimensional density wave approach. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 425, 2335-2342	4.3	90
501	Stellar kinematics across the Hubble sequence in the CALIFA survey: general properties and aperture corrections. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 597, A48	5.1	89
500	Galaxy And Mass Assembly (GAMA): deconstructing bimodality II. Red ones and blue ones. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 446, 2144-2185	4.3	89
499	Detection of a radial velocity gradient in the extended local disc with RAVE. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 412, 2026-2032	4.3	89
498	New distances to RAVE stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 437, 351-370	4.3	88
497	APASS LANDOLT-SLOANBVgriPHOTOMETRY OF RAVE STARS. I. DATA, EFFECTIVE TEMPERATURES, AND REDDENINGS. <i>Astronomical Journal</i> , <b>2014</b> , 148, 81	4.9	87
496	Constraints on the Galactic bar from the Hercules stream as traced with RAVE across the Galaxy. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 563, A60	5.1	86
495	OBSERVATIONAL PROPERTIES OF THE METAL-POOR THICK DISK OF THE MILKY WAY AND INSIGHTS INTO ITS ORIGINS. <i>Astrophysical Journal</i> , <b>2011</b> , 737, 9	4.7	85
494	Astrophotronics: a new era for astronomical instruments. <i>Optics Express</i> , <b>2009</b> , 17, 1880-4	3.3	84
493	THE SAMI GALAXY SURVEY: REVISITING GALAXY CLASSIFICATION THROUGH HIGH-ORDER STELLAR KINEMATICS. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 104	4.7	83
492	PROBING THE FERMI BUBBLES IN ULTRAVIOLET ABSORPTION: A SPECTROSCOPIC SIGNATURE OF THE MILKY WAY'S BICONICAL NUCLEAR OUTFLOW. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 799, L7	7.9	83
491	Galaxy And Mass Assembly (GAMA): stellar mass functions by Hubble type. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 444, 1647-1659	4.3	83

490	Galaxy And Mass Assembly: evolution of the H $\alpha$ luminosity function and star formation rate density up to z Monthly Notices of the Royal Astronomical Society, <b>2013</b> , 433, 2764-2789	4.3	83
489	Galaxy And Mass Assembly (GAMA): galaxy environments and star formation rate variations. Monthly Notices of the Royal Astronomical Society, <b>2012</b> , 423, 3679-3691	4.3	82
488	The MAGNUM survey: positive feedback in the nuclear region of NGC 5643 suggested by MUSE. Astronomy and Astrophysics, <b>2015</b> , 582, A63	5.1	82
487	Focal ratio degradation in lightly fused hexabundles. Monthly Notices of the Royal Astronomical Society, <b>2014</b> , 438, 869-877	4.3	82
486	Galaxy And Mass Assembly (GAMA): AUTOZ spectral redshift measurements, confidence and errors. Monthly Notices of the Royal Astronomical Society, <b>2014</b> , 441, 2440-2451	4.3	81
485	A NEW SCALING RELATION FOR H II REGIONS IN SPIRAL GALAXIES: UNVEILING THE TRUE NATURE OF THE MASS-METALLICITY RELATION. Astrophysical Journal Letters, <b>2012</b> , 756, L31	7.9	81
484	Estimation of the tilt of the stellar velocity ellipsoid from RAVE and implications for mass models. Monthly Notices of the Royal Astronomical Society, <b>2008</b> , 391, 793-801	4.3	81
483	GAMA/H-ATLAS: a meta-analysis of SFR indicators – comprehensive measures of the SFR–M* relation and cosmic star formation history at z'. Monthly Notices of the Royal Astronomical Society, <b>2016</b> , 461, 458-485	4.3	80
482	The SAMI Galaxy Survey: cubism and covariance, putting round pegs into square holes. Monthly Notices of the Royal Astronomical Society, <b>2015</b> , 446, 1551-1566	4.3	79
481	Weighing the local dark matter with RAVE red clump stars. Astronomy and Astrophysics, <b>2014</b> , 571, A92	5.1	79
480	OSCILLATING RED GIANTS OBSERVED DURING CAMPAIGN 1 OF THE KEPLER K2 MISSION: NEW PROSPECTS FOR GALACTIC ARCHAEOLOGY. Astrophysical Journal Letters, <b>2015</b> , 809, L3	7.9	78
479	Star formation in the local Universe from the CALIFA sample. Astronomy and Astrophysics, <b>2015</b> , 584, A87	5.1	78
478	Two-dimensional multi-component photometric decomposition of CALIFA galaxies. Astronomy and Astrophysics, <b>2017</b> , 598, A32	5.1	78
477	The mass–metallicity relation revisited with CALIFA. Monthly Notices of the Royal Astronomical Society, <b>2017</b> , 469, 2121-2140	4.3	77
476	Galaxy And Mass Assembly (GAMA): a deeper view of the mass, metallicity and SFR relationships. Monthly Notices of the Royal Astronomical Society, <b>2013</b> , 434, 451-470	4.3	77
475	A complex multi-notch astronomical filter to suppress the bright infrared sky. Nature Communications, <b>2011</b> , 2, 581	17.4	77
474	The ionized gas in the CALIFA early-type galaxies. Astronomy and Astrophysics, <b>2012</b> , 540, A11	5.1	77
473	Galaxy evolution in the metric of the cosmic web. Monthly Notices of the Royal Astronomical Society, <b>2018</b> , 474, 547-571	4.3	76

472	Galaxy And Mass Assembly (GAMA): the 0.013 Monthly Notices of the Royal Astronomical Society, <b>2012</b> , 427, 3244-3264	4.3	75
471	INSIGHTS ON THE STELLAR MASS-METALLICITY RELATION FROM THE CALIFA SURVEY. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 791, L16	7.9	74
470	Demonstration of uniform multicore fiber Bragg gratings. <i>Optics Express</i> , <b>2014</b> , 22, 31575-81	3.3	73
469	Nebular emission and the Lyman continuum photon escape fraction in CALIFA early-type galaxies. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 555, L1	5.1	73
468	Distance determination for RAVE stars using stellar models. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 522, A54	5.1	72
467	The stellar-to-halo mass relation of GAMA galaxies from 100' deg <sup>2</sup> of KiDS weak lensing data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 459, 3251-3270	4.3	71
466	The TESS HERMES survey data release 1: high-resolution spectroscopy of the TESS southern continuous viewing zone. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 2004-2019	4.3	71
465	The GALAH+ survey: Third data release. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 150-201	4.3	70
464	Galaxy And Mass Assembly (GAMA): trends in galaxy colours, morphology, and stellar populations with large-scale structure, group, and pair environments. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 3249-3268	4.3	69
463	Galaxy And Mass Assembly (GAMA): linking star formation histories and stellar mass growth. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 434, 209-221	4.3	69
462	Nearby supernova host galaxies from the CALIFA Survey. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 572, A38	5.1	68
461	Galaxy And Mass Assembly (GAMA): ugrizYJHK S <sub>85</sub> ic luminosity functions and the cosmic spectral energy distribution by Hubble type. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 439, 1245-1269	4.3	68
460	Galaxy And Mass Assembly (GAMA): the large-scale structure of galaxies and comparison to mock universes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 438, 177-194	4.3	68
459	Imprints of galaxy evolution on H II regions. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 574, A47	5.1	67
458	Galaxy And Mass Assembly: resolving the role of environment in galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 435, 2903-2917	4.3	67
457	THE COSMIC HISTORY OF THE SPIN OF DARK MATTER HALOS WITHIN THE LARGE-SCALE STRUCTURE. <i>Astrophysical Journal</i> , <b>2013</b> , 762, 72	4.7	67
456	Tracing kinematic (mis)alignments in CALIFA merging galaxies. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 582, A21	5.1	67
455	Galactic kinematics and dynamics from Radial Velocity Experiment stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 439, 1231-1244	4.3	66



454	Warm ionized gas in CALIFA early-type galaxies. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 588, A68	5.1	66
453	Bar pattern speeds in CALIFA galaxies. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, A102	5.1	65
452	A NEW STELLAR CHEMO-KINEMATIC RELATION REVEALS THE MERGER HISTORY OF THE MILKY WAY DISK. <i>Astrophysical Journal Letters</i> , <b>2014</b> , 781, L20	7.9	65
451	Local stellar kinematics from RAVE data - I. Local standard of rest. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , no-no	4.3	65
450	The Taipan Galaxy Survey: Scientific Goals and Observing Strategy. <i>Publications of the Astronomical Society of Australia</i> , <b>2017</b> , 34,	5.5	64
449	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> , <b>2017</b> , 470, 283-302	4.3	64
448	Galaxy And Mass Assembly (GAMA): the effect of close interactions on star formation in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 616-636	4.3	64
447	THE RAVE CATALOG OF STELLAR ELEMENTAL ABUNDANCES: FIRST DATA RELEASE. <i>Astronomical Journal</i> , <b>2011</b> , 142, 193	4.9	64
446	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
445	THE COS/UVES ABSORPTION SURVEY OF THE MAGELLANIC STREAM. I. ONE-TENTH SOLAR ABUNDANCES ALONG THE BODY OF THE STREAM. <i>Astrophysical Journal</i> , <b>2013</b> , 772, 110	4.7	63
444	ULTRAFAINTE DWARF GALAXIES—THE LOWEST-MASS RELICS FROM BEFORE REIONIZATION. <i>Astrophysical Journal</i> , <b>2015</b> , 807, 154	4.7	62
443	Galaxy And Mass Assembly (GAMA): $M_{\text{star}}-R_{\text{e}}$ relations of $z = 0$ bulges, discs and spheroids. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 1470-1500	4.3	62
442	Photonic lanterns. <i>Nanophotonics</i> , <b>2013</b> , 2, 429-440	6.3	62
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168	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
167	Clustering of Ly $\alpha$ emitters around luminous quasars at $z=2$ : an alternative probe of reionization on galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 421, 2543-2552	4-3	11



166	Tunable filter imaging of high-redshift quasar fields. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 422, 2980-2991	4.3	11
165	Climbing the cosmic ladder with stellar twins in RAVE with Gaia. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 472, 2517-2533	4.3	11
164	THE SEARCH FOR CELESTIAL POSITRONIUM VIA THE RECOMBINATION SPECTRUM. <i>Astrophysical Journal</i> , <b>2009</b> , 707, 457-471	4.7	11
163	Ionization Cone in the X-Ray Binary LMC X-1. <i>Astrophysical Journal</i> , <b>2008</b> , 687, L29-L32	4.7	11
162	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
161	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
160	Measurement and limitations of optical orbital angular momentum through corrected atmospheric turbulence. <i>Optics Express</i> , <b>2016</b> , 24, 2919-30	3.3	11
159	The OTELO survey. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 631, A9	5.1	11
158	The SAMI Galaxy Survey: gas content and interaction as the drivers of kinematic asymmetry. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 2339-2351	4.3	11
157	Correlations between age, kinematics, and chemistry as seen by the RAVE survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 5612-5624	4.3	11
156	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
155	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
154	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
153	THE CALIFA AND HIPASS CIRCULAR VELOCITY FUNCTION FOR ALL MORPHOLOGICAL GALAXY TYPES. <i>Astrophysical Journal Letters</i> , <b>2016</b> , 827, L36	7.9	10
152	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
151	The parent populations of six groups identified from chemical tagging in the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 450, 2354-2366	4.3	10
150	Astrophotonics: molding the flow of light in astronomical instruments. <i>Optics Express</i> , <b>2017</b> , 25, 15549-15557	3.5	10
149	Photonic ring resonator filters for astronomical OH suppression. <i>Optics Express</i> , <b>2017</b> , 25, 15868-15889	3.3	10

148	AN EMPIRICAL FORMULA FOR THE DISTRIBUTION FUNCTION OF A THIN EXPONENTIAL DISC. <i>Astrophysical Journal</i> , <b>2013</b> , 773, 183	4.7	10
147	The SAMI Bornax 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
146	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
145	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
144	The SAMI Galaxy Survey: gas streaming and dynamical M/L in rotationally supported systems. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 456, 1299-1319	4.3	9
143	NGC 147, NGC 185 and CassII: a genetic approach to orbital properties, star formation and tidal debris. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 456, 1654-1665	4.3	9
142	Possibility of observable signatures of leptonium from astrophysical sources. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	9
141	Evaluation of Photonic Lanterns for Lossless Mode-Multiplexing <b>2012</b> ,		9
140	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
139	Star Gas 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
138	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
137	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
136	The GALAH survey: relative throughputs of the 2dF fibre positioner and the HERMES spectrograph from stellar targets. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 459, 1069-1081	4.3	8
135	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
134	OSIRIS tunable imager and spectrograph for the GTC: from design to commissioning <b>2012</b> ,		8
133	Square-core bundles for astronomical imaging <b>2012</b> ,		8
132	Hector: a high-multiplex survey instrument for spatially resolved galaxy spectroscopy <b>2012</b> ,		8
131	Choirs, H I galaxy groups: catalogue and detection of star-forming dwarf group members. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 433, 543-559	4.3	8

130	THE EPOCH OF ASSEMBLY OF TWO GALAXY GROUPS: A COMPARATIVE STUDY. <i>Astrophysical Journal</i> , <b>2013</b> , 775, 97	4.7	8
129	A spectroscopic study of the H $\alpha$ surface brightness profiles in the outer discs of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , no-no	4.3	8
128	HERMES: revisions in the design for a high-resolution multi-element spectrograph for the AAT <b>2010</b>		8
127	Space density distribution of galaxies in the absolute magnitude – rotation velocity plane: a volume-complete Tully-Fisher relation from CALIFA stellar kinematics. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 593, A114	5.1	8
126	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
125	Galaxy And Mass Assembly (GAMA): the absence of stellar mass segregation in galaxy groups and consistent predictions from GALFORM and EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 463, 4194-4209	4.3	8
124	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
123	The Smith Cloud: surviving a high-speed transit of the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 5514-5531	4.3	8
122	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
121	Asymmetric metallicity patterns in the stellar velocity space with RAVE. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 601, A59	5.1	7
120	Integrating the HERMES spectrograph for the AAT <b>2012</b> ,		7
119	The Science Case for PILOT III: the Nearby Universe. <i>Publications of the Astronomical Society of Australia</i> , <b>2009</b> , 26, 415-438	5.5	7
118	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
117	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
116	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
115	THE CHEMICAL EVOLUTION OF VERY METAL-POOR DAMPED LY $\alpha$ SYSTEMS. <i>Astrophysical Journal</i> , <b>2015</b> , 804, 110	4.7	6
114	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
113	ASKAP commissioning observations of the GAMA 23 field. <i>Publications of the Astronomical Society of Australia</i> , <b>2019</b> , 36,	5.5	6

112	MORE PIECES OF THE PUZZLE: CHEMISTRY AND SUBSTRUCTURES IN THE GALACTIC THICK DISK. <i>Astrophysical Journal</i> , <b>2014</b> , 791, 135	4.7	6
111	Multicore fibre Bragg grating developments for OH suppression <b>2012</b> ,		6
110	GNOSIS: an OH suppression unit for near-infrared spectrographs <b>2010</b> ,		6
109	Tracing the Milky Way's Vestigial Nuclear Jet. <i>Astrophysical Journal</i> , <b>2021</b> , 922, 254	4.7	6
108	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
107	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
106	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
105	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
104	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
103	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
102	GALAH Survey: Chemical tagging and disk reconstruction. <i>Astronomische Nachrichten</i> , <b>2016</b> , 337, 894-898.	7.7	5
101	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
100	Mapping the aberrations of a wide-field spectrograph using a photonic comb. <i>Optics Express</i> , <b>2017</b> , 25, 15614-15623	3.3	5
99	GALAH survey: chemically tagging the thick disk. <i>EAS Publications Series</i> , <b>2014</b> , 67-68, 219-226	0.2	5
98	PRAXIS: a low background NIR spectrograph for fibre Bragg grating OH suppression <b>2012</b> ,		5
97	SAMI: a new multi-object IFS for the Anglo-Australian Telescope <b>2012</b> ,		5
96	Focal ratio degradation: a new perspective <b>2008</b> ,		5
95	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

94	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
93	Kinematics of the Magellanic Stream and Implications for Its Ionization. <i>Astrophysical Journal</i> , <b>2020</b> , 897, 23	4.7	5
92	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
91	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
90	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
89	Silicon Nitride/Silicon Dioxide Echelle Grating Spectrometer for Operation Near 1.55 $\mu$ m. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-7	1.8	5
88	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
87	Performance of a Novel PMMA Polymer Imaging Bundle for Field Acquisition and Wavefront Sensing. <i>Publications of the Astronomical Society of Australia</i> , <b>2017</b> , 34,	5.5	4
86	Astrophysical signatures of leptonium. <i>European Physical Journal D</i> , <b>2018</b> , 72, 1	1.3	4
85	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
84	The Hector Survey: integral field spectroscopy of 100,000 galaxies. <i>Proceedings of the International Astronomical Union</i> , <b>2014</b> , 10, 21-28	0.1	4
83	Miniature astronomical spectrographs using arrayed-waveguide gratings: capabilities and limitations <b>2010</b> ,		4
82	Compact high-resolution spectrographs for large and extremely large telescopes: using the diffraction limit <b>2012</b> ,		4
81	Exploring Hydrodynamic Instabilities along the Infalling High-velocity Cloud Complex A. <i>Astrophysical Journal</i> , <b>2020</b> , 902, 154	4.7	4
80	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
79	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
78	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
77	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

76	The SAMI galaxy survey: Mass and environment as independent drivers of galaxy dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	4
75	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
74	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
73	The SAMI Galaxy Survey: disc-halo interactions in radio-selected star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 2438-2452	4-3	3
72	First light results from the Hermes spectrograph at the AAT <b>2014</b> ,		3
71	PIMMS Eshelle: the next generation of compact diffraction limited spectrographs for arbitrary input beams <b>2014</b> ,		3
70	Stellar Population Synthesis-based Modeling of the Milky Way using Asteroseismology of Dwarfs and Subgiants from <i>{Kepler}</i> . <i>Astrophysical Journal</i> , <b>2017</b> , 835, 163	4-7	3
69	Second generation OH suppression filters using multicore fibers <b>2012</b> ,		3
68	Potential applications of ring resonators for astronomical instrumentation <b>2012</b> ,		3
67	GNOSIS: a novel near-infrared OH suppression unit at the AAT <b>2012</b> ,		3
66	KOALA: a wide-field 1000 element integral-field unit for the Anglo-Australian Telescope <b>2012</b> ,		3
65	The i-INSPIRE satellite: a university pico-satellite project <b>2012</b> ,		3
64	IONIZATION SOURCE OF A MINOR-AXIS CLOUD IN THE OUTER HALO OF M82. <i>Astrophysical Journal</i> , <b>2012</b> , 761, 55	4-7	3
63	On the origin of core-to-core variations in multi-core fibre Bragg gratings <b>2018</b> ,		3
62	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
61	The GALAH survey: a census of lithium-rich giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	3
60	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
59	Development of high-resolution arrayed waveguide grating spectrometers for astronomical applications: first results <b>2016</b> ,		3

58	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
57	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
56	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
55	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
54	Multicore fibre technology: the road to multimode photonics <b>2016</b> ,		2
53	Speciality optical fibres for astronomy <b>2015</b> ,		2
52	Core-to-core uniformity improvement in multi-core fiber Bragg gratings <b>2014</b> ,		2
51	NanoSpec: a diffraction limited micro-spectrograph for pico- and nano-satellites <b>2012</b> ,		2
50	Demonstration and design of a compact diffraction limited spectrograph <b>2012</b> ,		2
49	Astrophotonic spectroscopy: defining the potential advantage. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> ,	4.3	2
48	Potential applications of ring resonators for astronomical instrumentation <b>2011</b> ,		2
47	Redesign of the integrated photonic spectrograph for improved astronomical performance <b>2012</b> ,		2
46	Efficient multi-mode to single-mode conversion in a 61 port photonic lantern <b>2010</b> ,		2
45	Hexabundles: imaging fibre arrays for low-light astronomical applications <b>2010</b> ,		2
44	Miniature spectrographs: characterization of arrayed waveguide gratings for astronomy <b>2010</b> ,		2
43	Optical-mechanical operation of the F2T2 filter: a tunable filter designed to search for First Light <b>2008</b> ,		2
42	FLEX - the first light explorer: a fully OH-suppressed near-infrared integral field spectrograph <b>2008</b> ,		2
41	Concepts for a high-resolution multi-object spectrograph for galactic archeology on the Anglo-Australian Telescope <b>2008</b> ,		2

40	FLEX-the first light explorer: a pathfinder instrument for fibre Bragg grating OH suppression <b>2008</b> ,		2
39	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
38	PRAXIS: an OH suppression optimised near infrared spectrograph <b>2020</b> ,		2
37	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
36	PRAXIS: an OH suppression optimised near infrared spectrograph <b>2018</b> ,		2
35	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
34	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
33	Galaxy And Mass Assembly (GAMA): Improved emission lines measurements in four representative samples at 0.07 . <i>Astronomy and Astrophysics</i> , <b>2016</b> , 590, A18	5.1	2
32	Post-inscription tuning of multicore fiber Bragg gratings <b>2016</b> ,		2
31	Low cost photonic comb for sub-m/s wavelength calibration <b>2016</b> ,		2
30	Precision radial velocities with inexpensive compact spectrographs <b>2016</b> ,		2
29	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
28	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
27	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
26	The INSPIRE-2 CubeSat for the QB50 Project. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	1
25	Modelling the Milky Way with Galaxia and making use of asteroseismology. <i>Astronomische Nachrichten</i> , <b>2016</b> , 337, 875-879	0.7	1
24	Writing Bragg Gratings in Multicore Fibers. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	1
23	PRAXIS: a near infrared spectrograph optimised for OH suppression <b>2016</b> ,		1



22	Astrophotonic micro-spectrographs in the era of ELTs <b>2014</b> ,		1
21	Towards a spectroscopic survey of one hundred thousand spatially resolved galaxies with Hector <b>2014</b> ,		1
20	PRAXIS: low thermal emission high efficiency OH suppressed fibre spectrograph <b>2014</b> ,		1
19	High-resolution integrated photonic micro-spectrographs for radial velocity exoplanet astronomy <b>2013</b> ,		1
18	Space photonics: A new era of space instrumentation <b>2011</b> ,		1
17	ERASMUS-F: pathfinder for an E-ELT 3D instrumentation <b>2010</b> ,		1
16	Defining requirements and identifying relevant technologies in astrophotonics <b>2010</b> ,		1
15	Opening the dynamic infrared sky <b>2018</b> ,		1
14	Towards a multi-input astrophotonic AWG spectrograph <b>2018</b> ,		1
13	FLEX (The First Light Explorer) The Science Case for a Fully OH Suppressed IFU Spectrograph. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , <b>2009</b> , 437-441	0.3	1
12	How does Gas Get into Galaxies?. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , <b>2008</b> , 259-264	0.3	1
11	Hector: a modular integral field spectrograph instrument for the Anglo-Australian Telescope <b>2018</b> ,		1
10	New Developments in Integral Field Spectroscopy. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , <b>2009</b> , 423-427	0.3	1
9	Ultra-broadband High Coupling Efficiency Using a Si <sub>3</sub> N <sub>4</sub> /SiO <sub>2</sub> waveguide on silicon <b>2016</b> ,		1
8	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
7	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
6	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
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