

B M Gaensler

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.

462
papers

20,673
citations

73
h-index

118
g-index

482
ext. papers

23,365
ext. citations

6
avg, IF

7.08
L-index

#	Paper	IF	Citations
462	Late-time Evolution and Modeling of the Off-axis Gamma-Ray Burst Candidate FIRST J141918.9+394036. <i>Astrophysical Journal</i> , 2022 , 924, 16	4.7	1
461	FIRST J153350.8+272729: The Radio Afterglow of a Decades-old Tidal Disruption Event. <i>Astrophysical Journal</i> , 2022 , 925, 220	4.7	1
460	A repeating fast radio burst source in a globular cluster.. <i>Nature</i> , 2022 , 602, 585-589	50.4	17
459	A Comparison of Multiphase Magnetic Field Tracers in a High Galactic Latitude Region of the Filamentary Interstellar Medium. <i>Astrophysical Journal</i> , 2022 , 927, 49	4.7	1
458	A Sudden Period of High Activity from Repeating Fast Radio Burst 20201124A. <i>Astrophysical Journal</i> , 2022 , 927, 59	4.7	6
457	Modeling Fast Radio Burst Dispersion and Scattering Properties in the First CHIME/FRB Catalog. <i>Astrophysical Journal</i> , 2022 , 927, 35	4.7	2
456	Multi-scale feedback and feeding in the closest radio galaxy Centaurus A. <i>Nature Astronomy</i> , 2022 , 6, 109-120	12.1	1
455	Discovery of PSR J0523-7125 as a Circularly Polarized Variable Radio Source in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2022 , 930, 38	4.7	2
454	Fast Radio Burst Morphology in the First CHIME/FRB Catalog. <i>Astrophysical Journal</i> , 2021 , 923, 1	4.7	29
453	No Evidence for Galactic Latitude Dependence of the Fast Radio Burst Sky Distribution. <i>Astrophysical Journal</i> , 2021 , 923, 2	4.7	4
452	The First CHIME/FRB Fast Radio Burst Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 257, 59	8	39
451	CHIME/FRB Catalog 1 Results: Statistical Cross-correlations with Large-scale Structure. <i>Astrophysical Journal</i> , 2021 , 922, 42	4.7	11
450	First Discovery of New Pulsars and RRATs with CHIME/FRB. <i>Astrophysical Journal</i> , 2021 , 922, 43	4.7	1
449	The ASKAP Variables and Slow Transients (VAST) Pilot Survey. <i>Publications of the Astronomical Society of Australia</i> , 2021 , 38,	5.5	4
448	Discovery of ASKAP J173608.2B21635 as a Highly Polarized Transient Point Source with the Australian SKA Pathfinder. <i>Astrophysical Journal</i> , 2021 , 920, 45	4.7	3
447	Polarization Pipeline for Fast Radio Bursts Detected by CHIME/FRB. <i>Astrophysical Journal</i> , 2021 , 920, 138	4.7	3
446	A Nearby Repeating Fast Radio Burst in the Direction of M81. <i>Astrophysical Journal Letters</i> , 2021 , 910, L18	7.9	41

445	The Global Magneto-Ionic Medium Survey (GMIMS): the brightest polarized region in the southern sky at 75 cm and its implications for Radio Loop II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 3495-3518	4.3	0
444	The Global Magneto-ionic Medium Survey: A Faraday Depth Survey of the Northern Sky Covering 1280–750 MHz. <i>Astronomical Journal</i> , 2021 , 162, 35	4.9	3
443	Remnant radio galaxies discovered in a multi-frequency survey. <i>Publications of the Astronomical Society of Australia</i> , 2021 , 38,	5.5	7
442	Early Science from POSSUM: Shocks, turbulence, and a massive new reservoir of ionised gas in the Fornax cluster. <i>Publications of the Astronomical Society of Australia</i> , 2021 , 38,	5.5	2
441	Heightened Faraday complexity in the inner 1 kpc of the galactic centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 3814-3828	4.3	2
440	Constraints on large-scale magnetic fields in the intergalactic medium using cross-correlation methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 2913-2926	4.3	3
439	A Local Universe Host for the Repeating Fast Radio Burst FRB 20181030A. <i>Astrophysical Journal Letters</i> , 2021 , 919, L24	7.9	9
438	Erratum The Global Magneto-Ionic Medium Survey: A Faraday Depth Survey of the Northern Sky Covering 1280–750 MHz (2021, AJ, 162, 35). <i>Astronomical Journal</i> , 2021 , 162, 173	4.9	
437	A Unified Model for the Fan Region and the North Polar Spur: A Bundle of Filaments in the Local Galaxy. <i>Astrophysical Journal</i> , 2021 , 923, 58	4.7	1
436	A bright millisecond-duration radio burst from a Galactic magnetar. <i>Nature</i> , 2020 , 587, 54-58	50.4	184
435	The GLEAM 4-Jy (G4Jy) Sample: II. Host galaxy identification for individual sources. <i>Publications of the Astronomical Society of Australia</i> , 2020 , 37,	5.5	5
434	The GLEAM 4-Jy (G4Jy) Sample: I. Definition and the catalogue. <i>Publications of the Astronomical Society of Australia</i> , 2020 , 37,	5.5	6
433	Periodic activity from a fast radio burst source. <i>Nature</i> , 2020 , 582, 351-355	50.4	127
432	Searching for dark matter signals from local dwarf spheroidal galaxies at low radio frequencies in the GLEAM survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 135-145	4.3	4
431	Nine New Repeating Fast Radio Burst Sources from CHIME/FRB. <i>Astrophysical Journal Letters</i> , 2020 , 891, L6	7.9	119
430	The Karl G. Jansky Very Large Array Sky Survey (VLASS). Science Case and Survey Design. <i>Publications of the Astronomical Society of the Pacific</i> , 2020 , 132, 035001	5	137
429	Fundamental physics with the Square Kilometre Array. <i>Publications of the Astronomical Society of Australia</i> , 2020 , 37,	5.5	78
428	Cool, Luminous, and Highly Variable Stars in the Magellanic Clouds from ASAS-SN: Implications for Thorne-Rytov Objects and Super-asymptotic Giant Branch Stars. <i>Astrophysical Journal</i> , 2020 , 901, 135	4.7	7

427	Simultaneous X-Ray and Radio Observations of the Repeating Fast Radio Burst FRB ~ 180916.J0158+65. <i>Astrophysical Journal</i> , 2020 , 901, 165	4.7	27
426	Detection of Repeating FRB 180916.J0158+65 Down to Frequencies of 300 MHz. <i>Astrophysical Journal Letters</i> , 2020 , 896, L41	7.9	44
425	Helicity in the large-scale Galactic magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 3673-3689	4.3	2
424	Magnetism Science with the Square Kilometre Array. <i>Galaxies</i> , 2020 , 8, 53	2	16
423	The POLarised GLEAM Survey (POGS) II: Results from an all-sky rotation measure synthesis survey at long wavelengths. <i>Publications of the Astronomical Society of Australia</i> , 2020 , 37,	5.5	10
422	Fast radio burst dispersion measures and rotation measures and the origin of intergalactic magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 4220-4238	4.3	18
421	S-band Polarization All-Sky Survey (S-PASS): survey description and maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 2330-2354	4.3	29
420	The Galactic Magneto-ionic Medium Survey: Moments of the Faraday Spectra. <i>Astrophysical Journal</i> , 2019 , 871, 106	4.7	19
419	Triggered superradiance and fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 5492-5499	4.3	10
418	Blazar jet evolution revealed by multi-epoch broad-band radio polarimetry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 3600-3622	4.3	12
417	S-PASS/ATCA: a window on the magnetic universe in the Southern hemisphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 1293-1309	4.3	15
416	Constraining the Magnetic Field of the Smith High-velocity Cloud Using Faraday Rotation. <i>Astrophysical Journal</i> , 2019 , 871, 215	4.7	11
415	A second source of repeating fast radio bursts. <i>Nature</i> , 2019 , 566, 235-238	50.4	207
414	Observations of fast radio bursts at frequencies down to 400 megahertz. <i>Nature</i> , 2019 , 566, 230-234	50.4	129
413	Through thick or thin: multiple components of the magneto-ionic medium towards the nearby H ii region Sharpless 207 revealed by Faraday tomography. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 4751-4767	4.3	8
412	CHIME/FRB Discovery of Eight New Repeating Fast Radio Burst Sources. <i>Astrophysical Journal Letters</i> , 2019 , 885, L24	7.9	209
411	Improving the Epoch of Reionization Power Spectrum Results from Murchison Widefield Array Season 1 Observations. <i>Astrophysical Journal</i> , 2019 , 884, 1	4.7	52
410	CHIME/FRB Detection of the Original Repeating Fast Radio Burst Source FRB 121102. <i>Astrophysical Journal Letters</i> , 2019 , 882, L18	7.9	65

409	The Global Magneto-Ionic Medium Survey: Polarimetry of the Southern Sky from 300 to 480 MHz. <i>Astronomical Journal</i> , 2019 , 158, 44	4.9	14
408	Differences in Faraday Rotation between Adjacent Extragalactic Radio Sources as a Probe of Cosmic Magnetic Fields. <i>Astrophysical Journal</i> , 2019 , 878, 92	4.7	21
407	High Angular Resolution ALMA Images of Dust and Molecules in the SN 1987A Ejecta. <i>Astrophysical Journal</i> , 2019 , 886, 51	4.7	44
406	New candidate radio supernova remnants detected in the GLEAM survey over 345°&l &l; 60°&l &l; 180°&l &l; 240°	5.5	8
405	Candidate radio supernova remnants observed by the GLEAM survey over 345°&l &l; 60°&l and 180°&l &l; 240°	5.5	8
404	GaLactic and Extragalactic All-sky Murchison Widefield Array (GLEAM) survey II: Galactic plane 345°&l &l; 67°&l, 180°&l &l; 240°	5.5	15
403	Science with the Murchison Widefield Array: Phase I results and Phase II opportunities. <i>Publications of the Astronomical Society of Australia</i> , 2019 , 36,	5.5	19
402	Limits on radio emission from meteors using the MWA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 5167-5176	4.3	8
401	A Serendipitous MWA Search for Narrowband Signals from Dumumua . <i>Astrophysical Journal</i> , 2018 , 857, 11	4.7	14
400	A Radio Continuum and Polarization Study of SNR G57.2+0.8 Associated with Magnetar SGR 1935+2154. <i>Astrophysical Journal</i> , 2018 , 852, 54	4.7	34
399	Advanced Diagnostics for the Study of Linearly Polarized Emission. II. Application to Diffuse Interstellar Radio Synchrotron Emission. <i>Astrophysical Journal</i> , 2018 , 855, 29	4.7	13
398	SMSS J130522.47093113.0: a high-latitude stellar X-ray source with pc-scale outflow relics?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 766-779	4.3	
397	Broadband Radio Polarimetry of Fornax A. I. Depolarized Patches Generated by Advected Thermal Material from NGC 1316. <i>Astrophysical Journal</i> , 2018 , 855, 41	4.7	18
396	The CHIME Fast Radio Burst Project: System Overview. <i>Astrophysical Journal</i> , 2018 , 863, 48	4.7	133
395	The Dispersion and Rotation Measure of Supernova Remnants and Magnetized Stellar Winds: Application to Fast Radio Bursts. <i>Astrophysical Journal</i> , 2018 , 861, 150	4.7	35
394	The Murchison Widefield Array Transients Survey (MWATS). A search for low frequency variability in a bright Southern hemisphere sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4.3	5
393	High-resolution Observations of Low-luminosity Gigahertz-Peaked Spectrum and Compact Steep Spectrum Sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4.3	8
392	Revealing the Faraday depth structure of radio galaxy NGC 612 with broad-band radio polarimetric observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 1596-1613	4.3	7

391	Hunting for Radio Emission from the Intermittent Pulsar J1107-5907 at Low Frequencies. <i>Astrophysical Journal</i> , 2018 , 869, 134	4.7	7
390	SBASS view of polarized Galactic synchrotron at 2.3 GHz as a contaminant to CMB observations. <i>Astronomy and Astrophysics</i> , 2018 , 618, A166	5.1	47
389	The Extraordinary Linear Polarisation Structure of the Southern Centaurus A Lobe Revealed by ASKAP. <i>Galaxies</i> , 2018 , 6, 127	2	6
388	Classifying Complex Faraday Spectra with Convolutional Neural Networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4.3	7
387	The Phase II Murchison Widefield Array: Design overview. <i>Publications of the Astronomical Society of Australia</i> , 2018 , 35,	5.5	77
386	In situ measurement of MWA primary beam variation using ORBCOMM. <i>Publications of the Astronomical Society of Australia</i> , 2018 , 35,	5.5	14
385	The POLarised GLEAM Survey (POGS) I: First results from a low-frequency radio linear polarisation survey of the southern sky. <i>Publications of the Astronomical Society of Australia</i> , 2018 , 35,	5.5	16
384	The Reacceleration of the Shock Wave in the Radio Remnant of SN 1987A. <i>Astrophysical Journal</i> , 2018 , 867, 65	4.7	12
383	Discovery of the Luminous, Decades-long, Extragalactic Radio Transient FIRST J141918.9+394036. <i>Astrophysical Journal Letters</i> , 2018 , 866, L22	7.9	30
382	No Low-frequency Emission from Extremely Bright Fast Radio Bursts. <i>Astrophysical Journal Letters</i> , 2018 , 867, L12	7.9	37
381	Galactic synchrotron distribution derived from 152 H ii region absorption features in the full GLEAM survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 4041-4055	4.3	9
380	The 30 Year Search for the Compact Object in SN 1987A. <i>Astrophysical Journal</i> , 2018 , 864, 174	4.7	20
379	A multifrequency radio continuum study of the Magellanic Clouds II. Overall structure and star formation rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 2743-2756	4.3	15
378	Ghost of a shell: magnetic fields of Galactic supershell GSH 006 15 + 7. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4.3	3
377	The spectral energy distribution of powerful starburst galaxies II. Modelling the radio continuum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 779-799	4.3	21
376	Radio polarization properties of quasars and active galaxies at high redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 1736-1755	4.3	7
375	Faraday rotation at low frequencies: magnetoionic material of the large FR II radio galaxy PKS J0636-036. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 4263-4277	4.3	18
374	The jet/wind outflow in Centaurus A: a local laboratory for AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 4056-4072	4.3	19

373	Advanced Diagnostics for the Study of Linearly Polarized Emission. I. Derivation. <i>Astrophysical Journal</i> , 2018 , 853, 9	4-7	13
372	Detection of Linear Polarization in the Radio Remnant of Supernova 1987A. <i>Astrophysical Journal Letters</i> , 2018 , 861, L9	7-9	10
371	Future Cosmological Constraints From Fast Radio Bursts. <i>Astrophysical Journal</i> , 2018 , 856, 65	4-7	55
370	Galactic and Extragalactic All-sky Murchison Widefield Array (GLEAM) survey II. A low-frequency extragalactic catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 1146-1167	4-3	275
369	A Matched Filter Technique for Slow Radio Transient Detection and First Demonstration with the Murchison Widefield Array. <i>Astronomical Journal</i> , 2017 , 153, 98	4-9	5
368	Spectral Energy Distribution and Radio Halo of NGC 253 at Low Radio Frequencies. <i>Astrophysical Journal</i> , 2017 , 838, 68	4-7	16
367	Observed Faraday Effects in Damped Ly α Absorbers and Lyman Limit Systems: The Magnetized Environment of Galactic Building Blocks at Redshift = 2. <i>Astrophysical Journal</i> , 2017 , 841, 67	4-7	11
366	Extragalactic Peaked-spectrum Radio Sources at Low Frequencies. <i>Astrophysical Journal</i> , 2017 , 836, 174	4-7	67
365	The UTMOST: A Hybrid Digital Signal Processor Transforms the Molonglo Observatory Synthesis Telescope. <i>Publications of the Astronomical Society of Australia</i> , 2017 , 34,	5-5	51
364	Galactic synchrotron emissivity measurements between 250 μ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 3163-3174	4-3	10
363	A study of halo and relic radio emission in merging clusters using the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , stx155	4-3	4
362	A High-Resolution Foreground Model for the MWA EoR1 Field: Model and Implications for EoR Power Spectrum Analysis. <i>Publications of the Astronomical Society of Australia</i> , 2017 , 34,	5-5	21
361	Detection of a Coherent Magnetic Field in the Magellanic Bridge through Faraday Rotation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , stx206	4-3	13
360	The Challenges of Low-Frequency Radio Polarimetry: Lessons from the Murchison Widefield Array. <i>Publications of the Astronomical Society of Australia</i> , 2017 , 34,	5-5	33
359	A search for long-time-scale, low-frequency radio transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 1944-1953	4-3	26
358	Low-Frequency Spectral Energy Distributions of Radio Pulsars Detected with the Murchison Widefield Array. <i>Publications of the Astronomical Society of Australia</i> , 2017 , 34,	5-5	19
357	Polarization Gradient Study of Interstellar Medium Turbulence Using the Canadian Galactic Plane Survey. <i>Astrophysical Journal</i> , 2017 , 835, 210	4-7	3
356	Calibration and Stokes Imaging with Full Embedded Element Primary Beam Model for the Murchison Widefield Array. <i>Publications of the Astronomical Society of Australia</i> , 2017 , 34,	5-5	32

355	When Disorder Looks Like Order: A New Model to Explain Radial Magnetic Fields in Young Supernova Remnants. <i>Astrophysical Journal Letters</i> , 2017 , 849, L22	7.9	14
354	The Radio Remnant of Supernova 1987A IIA Broader View. <i>Proceedings of the International Astronomical Union</i> , 2017 , 12, 274-283	0.1	1
353	Very Deep inside the SN 1987A Core Ejecta: Molecular Structures Seen in 3D. <i>Astrophysical Journal Letters</i> , 2017 , 842, L24	7.9	33
352	Probes of turbulent driving mechanisms in molecular clouds from fluctuations in synchrotron intensity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 2272-2283	4.3	13
351	Broad-band, radio spectro-polarimetric study of 100 radiative-mode and jet-mode AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 4034-4062	4.3	33
350	Interacting large-scale magnetic fields and ionized gas in the W50/SS433 system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 467, 4777-4801	4.3	19
349	The Fan Region at 1.5 GHz II. Polarized synchrotron emission extending beyond the Perseus Arm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 467, 4631-4646	4.3	16
348	Limiting magnetic fields in the cosmic web with diffuse radio emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 4246-4253	4.3	38
347	Follow Up of GW170817 and Its Electromagnetic Counterpart by Australian-Led Observing Programmes. <i>Publications of the Astronomical Society of Australia</i> , 2017 , 34,	5.5	99
346	A Southern-Sky Total Intensity Source Catalogue at 2.3 GHz from S-Band Polarisation All-Sky Survey Data. <i>Publications of the Astronomical Society of Australia</i> , 2017 , 34,	5.5	10
345	Low-frequency radio constraints on the synchrotron cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 467, 4914-4936	4.3	37
344	The Carina Nebula and Gum 31 molecular complex III. The distribution of the atomic gas revealed in unprecedented detail. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 1685-1704	4.3	11
343	A new perspective on turbulent Galactic magnetic fields through comparison of linear polarization decomposition techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 2957-2974	4.3	8
342	Detection of microgauss coherent magnetic fields in a galaxy five billion years ago. <i>Nature Astronomy</i> , 2017 , 1, 621-626	12.1	62
341	MAGNETIC FIELD DISORDER AND FARADAY EFFECTS ON THE POLARIZATION OF EXTRAGALACTIC RADIO SOURCES. <i>Astrophysical Journal</i> , 2016 , 829, 5	4.7	21
340	A STUDY OF BROADBAND FARADAY ROTATION AND POLARIZATION BEHAVIOR OVER 1.3-10 GHz IN 36 DISCRETE RADIO SOURCES. <i>Astrophysical Journal</i> , 2016 , 825, 59	4.7	35
339	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016 , 225, 8	8	38
338	THE MURCHISON WIDEFIELD ARRAY 21 cm POWER SPECTRUM ANALYSIS METHODOLOGY. <i>Astrophysical Journal</i> , 2016 , 825, 114	4.7	58

337	Time-domain and spectral properties of pulsars at 154 MHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 908-921	4-3	22
336	Radio variability in the Phoenix Deep Survey at 1.4 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 3314-3321	4-3	15
335	Low radio frequency observations and spectral modelling of the remnant of Supernova 1987A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 290-297	4-3	12
334	FARADAY ROTATION MEASURE SYNTHESIS OF INTERMEDIATE REDSHIFT QUASARS AS A PROBE OF INTERVENING MATTER. <i>Astrophysical Journal</i> , 2016 , 829, 133	4-7	22
333	Limits on Fast Radio Bursts and other transient sources at 182 MHz using the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 3506-3522	4-3	59
332	The 154 MHz radio sky observed by the Murchison Widefield Array: noise, confusion, and first source count analyses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 3314-3325	4-3	34
331	FAST RADIO BURSTS AS PROBES OF MAGNETIC FIELDS IN THE INTERGALACTIC MEDIUM. <i>Astrophysical Journal</i> , 2016 , 824, 105	4-7	53
330	First limits on the 21 cm power spectrum during the Epoch of X-ray heating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 4320-4347	4-3	51
329	RADIO SYNCHROTRON FLUCTUATION STATISTICS AS A PROBE OF MAGNETIZED INTERSTELLAR TURBULENCE. <i>Astrophysical Journal</i> , 2016 , 822, 13	4-7	21
328	Parametrizing Epoch of Reionization foregrounds: a deep survey of low-frequency point-source spectra with the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 1057-1070	4-3	45
327	High-energy sources at low radio frequency: the Murchison Widefield Array view of Fermi blazars. <i>Astronomy and Astrophysics</i> , 2016 , 588, A141	5-1	26
326	LOW-FREQUENCY OBSERVATIONS OF LINEARLY POLARIZED STRUCTURES IN THE INTERSTELLAR MEDIUM NEAR THE SOUTH GALACTIC POLE. <i>Astrophysical Journal</i> , 2016 , 830, 38	4-7	44
325	DELAY SPECTRUM WITH PHASE-TRACKING ARRAYS: EXTRACTING THE H I POWER SPECTRUM FROM THE EPOCH OF REIONIZATION. <i>Astrophysical Journal</i> , 2016 , 833, 213	4-7	12
324	A Large-Scale, Low-Frequency Murchison Widefield Array Survey of Galactic H II Regions between 260 and 340 MHz. <i>Publications of the Astronomical Society of Australia</i> , 2016 , 33,	5-5	13
323	FIRST SEASON MWA EOR POWER SPECTRUM RESULTS AT REDSHIFT 7. <i>Astrophysical Journal</i> , 2016 , 833, 102	4-7	109
322	RADIO POLARIZATION OBSERVATIONS OF THE SNAIL: A CRUSHED PULSAR WIND NEBULA IN G327.1+1 WITH A HIGHLY ORDERED MAGNETIC FIELD. <i>Astrophysical Journal</i> , 2016 , 820, 100	4-7	17
321	A high reliability survey of discrete Epoch of Reionization foreground sources in the MWA EoR field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 4151-4175	4-3	21
320	THE SPECTRAL VARIABILITY OF THE GHz-PEAKED SPECTRUM RADIO SOURCE PKS 1718-649 AND A COMPARISON OF ABSORPTION MODELS. <i>Astronomical Journal</i> , 2015 , 149, 74	4-9	30

319	Serendipitous discovery of a dying Giant Radio Galaxy associated with NGC 534, using the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 2468-2478	4.3	24
318	The Low-Frequency Environment of the Murchison Widefield Array: Radio-Frequency Interference Analysis and Mitigation. <i>Publications of the Astronomical Society of Australia</i> , 2015 , 32,	5.5	79
317	THE MAGNETIC FIELD AND POLARIZATION PROPERTIES OF RADIO GALAXIES IN DIFFERENT ACCRETION STATES. <i>Astrophysical Journal</i> , 2015 , 806, 83	4.7	12
316	A RADIO-POLARIZATION AND ROTATION MEASURE STUDY OF THE GUM NEBULA AND ITS ENVIRONMENT. <i>Astrophysical Journal</i> , 2015 , 804, 22	4.7	32
315	Modelling of the spectral energy distribution of Fornax A: leptonic and hadronic production of high-energy emission from the radio lobes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 3478-3491	4.3	32
314	GaLactic and Extragalactic All-sky Murchison Widefield Array survey eXtended (GLEAM-X) I: Survey Description and Initial Data Release.. <i>Publications of the Astronomical Society of Australia</i> , 2015 , 32,	5.5	164
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8	Discovery of Four Isolated Millisecond Pulsars. <i>Astrophysical Journal</i> , 1997 , 481, 386-391	4.7	76
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