

# Melanie Johnston-Hollitt

## List of Publications by Year in descending order

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191  
papers

8,365  
citations

57631

44  
h-index

54797

84  
g-index

192  
all docs

192  
docs citations

192  
times ranked

5667  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Murchison Widefield Array: The Square Kilometre Array Precursor at Low Radio Frequencies. Publications of the Astronomical Society of Australia, 2013, 30, .	1.3	892
2	wsclean: an implementation of a fast, generic wide-field imager for radio astronomy. Monthly Notices of the Royal Astronomical Society, 2014, 444, 606-619.	1.6	562
3	GaLactic and Extragalactic All-sky Murchison Widefield Array (GLEAM) survey â€“ I. A low-frequency extragalactic catalogue. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1146-1167.	1.6	402
4	EMU: Evolutionary Map of the Universe. Publications of the Astronomical Society of Australia, 2011, 28, 215-248.	1.3	312
5	Science with the Murchison Widefield Array. Publications of the Astronomical Society of Australia, 2013, 30, .	1.3	260
6	GLEAM: The GaLactic and Extragalactic All-Sky MWA Survey. Publications of the Astronomical Society of Australia, 2015, 32, .	1.3	221
7	An improved map of the Galactic Faraday sky. Astronomy and Astrophysics, 2012, 542, A93.	2.1	208
8	FIRST SEASON MWA EOR POWER SPECTRUM RESULTS AT REDSHIFT 7. Astrophysical Journal, 2016, 833, 102.	1.6	147
9	Follow Up of GW170817 and Its Electromagnetic Counterpart by Australian-Led Observing Programmes. Publications of the Astronomical Society of Australia, 2017, 34, .	1.3	142
10	Estimating extragalactic Faraday rotation. Astronomy and Astrophysics, 2015, 575, A118.	2.1	140
11	The Phase II Murchison Widefield Array: Design overview. Publications of the Astronomical Society of Australia, 2018, 35, .	1.3	140
12	A STUDY OF FUNDAMENTAL LIMITATIONS TO STATISTICAL DETECTION OF REDSHIFTED H I FROM THE EPOCH OF REIONIZATION. Astrophysical Journal, 2013, 776, 6.	1.6	123
13	FOREGROUNDS IN WIDE-FIELD REDSHIFTED 21 cm POWER SPECTRA. Astrophysical Journal, 2015, 804, 14.	1.6	122
14	Extragalactic Peaked-spectrum Radio Sources at Low Frequencies. Astrophysical Journal, 2017, 836, 174.	1.6	112
15	The Low-Frequency Environment of the Murchison Widefield Array: Radio-Frequency Interference Analysis and Mitigation. Publications of the Astronomical Society of Australia, 2015, 32, .	1.3	107
16	Empirical covariance modeling for 21Âcm power spectrum estimation: A method demonstration and new limits from early Murchison Widefield Array 128-tile data. Physical Review D, 2015, 91, .	1.6	99
17	CHIPS: THE COSMOLOGICAL H I POWER SPECTRUM ESTIMATOR. Astrophysical Journal, 2016, 818, 139.	1.6	98
18	Another shock for the Bullet cluster, and the source of seed electrons for radio relics. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1486-1494.	1.6	96

#	ARTICLE	IF	CITATIONS
19	A 189 MHz, 2400 deg <sup>2</sup> POLARIZATION SURVEY WITH THE MURCHISON WIDEFIELD ARRAY 32-ELEMENT PROTOTYPE. <i>Astrophysical Journal</i> , 2013, 771, 105.	1.6	79
20	First limits on the 21Åcm power spectrum during the Epoch of X-ray heating. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 4320-4347.	1.6	79
21	Southern hemisphere observations of a 1018 eV cosmic ray source near the direction of the Galactic Centre. <i>Astroparticle Physics</i> , 2001, 15, 167-175.	1.9	77
22	FAST HOLOGRAPHIC DECONVOLUTION: A NEW TECHNIQUE FOR PRECISION RADIO INTERFEROMETRY. <i>Astrophysical Journal</i> , 2012, 759, 17.	1.6	76
23	CONFIRMATION OF WIDE-FIELD SIGNATURES IN REDSHIFTED 21 cm POWER SPECTRA. <i>Astrophysical Journal Letters</i> , 2015, 807, L28.	3.0	73
24	The Taipan Galaxy Survey: Scientific Goals and Observing Strategy. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	1.3	73
25	Radio Continuum Surveys with Square Kilometre Array Pathfinders. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	1.3	72
26	Limits on Fast Radio Bursts and other transient sources at 182ÅMHz using the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3506-3522.	1.6	70
27	First Season MWA Phase II Epoch of Reionization Power Spectrum Results at Redshift 7. <i>Astrophysical Journal</i> , 2019, 887, 141.	1.6	69
28	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.	1.6	68
29	THE MURCHISON WIDEFIELD ARRAY 21 cm POWER SPECTRUM ANALYSIS METHODOLOGY. <i>Astrophysical Journal</i> , 2016, 825, 114.	1.6	67
30	FARADAY ROTATION STRUCTURE ON KILOPARSEC SCALES IN THE RADIO LOBES OF CENTAURUS A. <i>Astrophysical Journal</i> , 2009, 707, 114-125.	1.6	65
31	BROADBAND SPECTRAL MODELING OF THE EXTREME GIGAHERTZ-PEAKED SPECTRUM RADIO SOURCE PKS B0008-421. <i>Astrophysical Journal</i> , 2015, 809, 168.	1.6	65
32	THE IMPORTANCE OF WIDE-FIELD FOREGROUND REMOVAL FOR 21 cm COSMOLOGY: A DEMONSTRATION WITH EARLY MWA EPOCH OF REIONIZATION OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 819, 8.	1.6	65
33	The EoR sensitivity of the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 429, L5-L9.	1.2	62
34	The Murchison Widefield Array Commissioning Survey: A Low-Frequency Catalogue of 14 110 Compact Radio Sources over 6 100 Square Degrees. <i>Publications of the Astronomical Society of Australia</i> , 2014, 31, .	1.3	62
35	Real-time imaging of density ducts between the plasmasphere and ionosphere. <i>Geophysical Research Letters</i> , 2015, 42, 3707-3714.	1.5	61
36	LOW-FREQUENCY OBSERVATIONS OF LINEARLY POLARIZED STRUCTURES IN THE INTERSTELLAR MEDIUM NEAR THE SOUTH GALACTIC POLE. <i>Astrophysical Journal</i> , 2016, 830, 38.	1.6	58

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37	Radio halos in future surveys in the radio continuum. <i>Astronomy and Astrophysics</i> , 2012, 548, A100.	2.1	55
38	A survey for transients and variables with the Murchison Widefield Array 32-tile prototype at 154 MHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 352-367.	1.6	54
39	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, .	1.3	51
40	Sardinia Radio Telescope observations of Abell 194. <i>Astronomy and Astrophysics</i> , 2017, 603, A122.	2.1	51
41	The Galactic Faraday rotation sky 2020. <i>Astronomy and Astrophysics</i> , 2022, 657, A43.	2.1	49
42	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.	1.6	47
43	THE RADIO CONTINUUM STRUCTURE OF CENTAURUS A AT 1.4 GHz. <i>Astrophysical Journal</i> , 2011, 740, 17.	1.6	46
44	A SEARCH FOR FAST RADIO BURSTS AT LOW FREQUENCIES WITH MURCHISON WIDEFIELD ARRAY HIGH TIME RESOLUTION IMAGING. <i>Astronomical Journal</i> , 2015, 150, 199.	1.9	45
45	The Challenges of Low-Frequency Radio Polarimetry: Lessons from the Murchison Widefield Array. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	1.3	45
46	FRONTIER FIELDS CLUSTERS: CHANDRA AND JVLA VIEW OF THE PRE-MERGING CLUSTER MACS J0416.1-2403. <i>Astrophysical Journal</i> , 2015, 812, 153.	1.6	44
47	The High Time and Frequency Resolution Capabilities of the Murchison Widefield Array. <i>Publications of the Astronomical Society of Australia</i> , 2015, 32, .	1.3	44
48	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, <i>ApJL</i> , 826, L13). <i>Astrophysical Journal</i> , Supplement Series, 2016, 225, 8.	3.0	44
49	Measuring phased-array antenna beam patterns with high dynamic range for the Murchison Widefield Array using 137-MHz ORBCOMM satellites. <i>Radio Science</i> , 2015, 50, 614-629.	0.8	42
50	No Low-frequency Emission from Extremely Bright Fast Radio Bursts. <i>Astrophysical Journal Letters</i> , 2018, 867, L12.	3.0	42
51	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.	1.6	41
52	Comparing Redundant and Sky-model-based Interferometric Calibration: A First Look with Phase II of the MWA. <i>Astrophysical Journal</i> , 2018, 863, 170.	1.6	41
53	Magnetism Science with the Square Kilometre Array. <i>Galaxies</i> , 2020, 8, 53.	1.1	41
54	Limits on low-frequency radio emission from southern exoplanets with the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 446, 2560-2565.	1.6	39



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73	Multiple Merging Events in the Double Cluster A3128/A3125. <i>Astronomical Journal</i> , 2002, 123, 1216-1246.	1.9	30
74	Science at Very High Angular Resolution with the Square Kilometre Array. <i>Publications of the Astronomical Society of Australia</i> , 2012, 29, 42-53.	1.3	29
75	Science with the Murchison Widefield Array: Phase I results and Phase II opportunities. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	1.3	29
76	Using rotation measure grids to detect cosmological magnetic fields: A Bayesian approach. <i>Astronomy and Astrophysics</i> , 2016, 591, A13.	2.1	28
77	Discovery of a Giant Radio Fossil in the Ophiuchus Galaxy Cluster. <i>Astrophysical Journal</i> , 2020, 891, 1.	1.6	28
78	The radio properties of infrared-faint radio sources. <i>Astronomy and Astrophysics</i> , 2011, 526, A8.	2.1	27
79	A high reliability survey of discrete Epoch of Reionization foreground sources in the MWA EoR0 field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 4151-4175.	1.6	27
80	Head-tail Galaxies: beacons of high-density regions in clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 1070-1079.	1.6	26
81	Wavelet-based Characterization of Small-scale Solar Emission Features at Low Radio Frequencies. <i>Astrophysical Journal</i> , 2017, 843, 19.	1.6	26
82	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, .	1.3	25
83	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, .	1.3	25
84	Radio observations of the merging galaxy cluster system Abell 3391-Abell 3395. <i>Astronomy and Astrophysics</i> , 2021, 647, A3.	2.1	25
85	Quantifying ionospheric effects on time-domain astrophysics with the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 2732-2747.	1.6	24
86	<i>In situ</i> measurement of MWA primary beam variation using <i>ORBCOMM</i> . <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, .	1.3	24
87	Low-frequency integrated radio spectra of diffuse, steep-spectrum sources in galaxy clusters: palaeontology with the MWA and ASKAP. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	24
88	Using head-tail galaxies to constrain the intracluster magnetic field: an in-depth study of PKS J0334+3900. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 243-257.	1.6	23
89	Spectral Energy Distribution and Radio Halo of NGC 253 at Low Radio Frequencies. <i>Astrophysical Journal</i> , 2017, 838, 68.	1.6	23
90	Using SKA Rotation Measures to Reveal the Mysteries of the Magnetised Universe. , 2015, , .		23

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91	Large-Scale Velocity Structures in the Horologium-Reticulum Supercluster. <i>Astronomical Journal</i> , 2005, 130, 957-967.	1.9	22
92	The optical morphology of A3667 re-examined. <i>Astronomy and Astrophysics</i> , 2008, 479, 1-8.	2.1	22
93	ATCA observations of the MACS-Planck Radio Halo Cluster Project. <i>Astronomy and Astrophysics</i> , 2016, 595, A116.	2.1	22
94	KAT-7 observations of an unbiased sample of mass-selected galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1259-1268.	1.6	22
95	RADIO SOURCES IN THE NCP REGION OBSERVED WITH THE 21 CENTIMETER ARRAY. <i>Astrophysical Journal</i> , 2016, 832, 190.	1.6	21
96	Observations of the galaxy cluster CIZA J2242.8+5301 with the Sardinia Radio Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3605-3623.	1.6	21
97	A multifrequency radio continuum study of the Magellanic Clouds – I. Overall structure and star formation rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2743-2756.	1.6	21
98	Remnant radio galaxies discovered in a multi-frequency survey. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	20
99	The G305 star-forming complex: radio continuum and molecular line observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2003-2022.	1.6	19
100	The giant lobes of Centaurus A observed at 118 MHz with the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1286-1301.	1.6	19
101	BENT-TAILED RADIO SOURCES IN THE AUSTRALIA TELESCOPE LARGE AREA SURVEY OF THE CHANDRA DEEP FIELD SOUTH. <i>Astronomical Journal</i> , 2014, 148, 75.	1.9	19
102	MURCHISON WIDEFIELD ARRAY OBSERVATIONS OF ANOMALOUS VARIABILITY: A SERENDIPITOUS NIGHT-TIME DETECTION OF INTERPLANETARY SCINTILLATION. <i>Astrophysical Journal Letters</i> , 2015, 809, L12.	3.0	19
103	The ATCA REXCESS Diffuse Emission Survey (ARDES) – I. Detection of a giant radio halo and a likely radio relic. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 2525-2538.	1.6	19
104	An improved method for polarimetric image restoration in interferometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3483-3501.	1.6	19
105	A Serendipitous MWA Search for Narrowband Signals from Oumuamua. <i>Astrophysical Journal</i> , 2018, 857, 11.	1.6	19
106	Gridded and direct Epoch of Reionisation bispectrum estimates using the Murchison Widefield Array. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	1.3	19
107	MWA and ASKAP observations of atypical radio-halo-hosting galaxy clusters: Abell 141 and Abell 3404. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	19
108	NGC 741 Mergers and AGN Feedback on a Galaxy-group Scale. <i>Astrophysical Journal</i> , 2017, 845, 84.	1.6	18

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109	Feature Detection in Radio Astronomy using the Circle Hough Transform. Publications of the Astronomical Society of Australia, 2012, 29, 309-317.	1.3	17
110	CLUSTERS, GROUPS, AND FILAMENTS IN THE CHANDRA DEEP FIELD-SOUTH UP TO REDSHIFT 1. Astronomical Journal, 2014, 147, 52.	1.9	17
111	THE LOW-FREQUENCY CHARACTERISTICS OF PSR J0437â€“4715 OBSERVED WITH THE MURCHISON WIDE-FIELD ARRAY. Astrophysical Journal Letters, 2014, 791, L32.	3.0	17
112	A digital-receiver for the MurchisonWidefield Array. Experimental Astronomy, 2015, 39, 73-93.	1.6	17
113	Observations of Low-frequency Radio Emission from Millisecond Pulsars and Multipath Propagation in the Interstellar Medium. Astrophysical Journal, Supplement Series, 2018, 238, 1.	3.0	17
114	Improved Techniques for the Surveillance of the Near Earth Space Environment with the Murchison Widefield Array. , 2019, , .		17
115	A Large-Scale, Low-Frequency Murchison Widefield Array Survey of Galactic H <sup>ii</sup> Regions between 260 &lt; i>l</i> &lt; /i> &lt; /i> &lt; /i> 340. Publications of the Astronomical Society of Australia, 2016, 33, .	1.3	16
116	Ultra-steep-spectrum Radio â€œJellyfishâ€•Uncovered in A2877. Astrophysical Journal, 2021, 909, 198.	1.6	16
117	Multi-scale feedback and feeding in the closest radio galaxy Centaurus A. Nature Astronomy, 2022, 6, 109-120.	4.2	16
118	The Murchison Widefield Array: solar science with the low frequency SKA Precursor. Journal of Physics: Conference Series, 2013, 440, 012033.	0.3	15
119	DELAY SPECTRUM WITH PHASE-TRACKING ARRAYS: EXTRACTING THE H i POWER SPECTRUM FROM THE EPOCH OF REIONIZATION. Astrophysical Journal, 2016, 833, 213.	1.6	15
120	Low radio frequency observations and spectral modelling of the remnant of Supernova 1987A. Monthly Notices of the Royal Astronomical Society, 2016, 462, 290-297.	1.6	15
121	The Engineering Development Array: A Low Frequency Radio Telescope Utilising SKA Precursor Technology. Publications of the Astronomical Society of Australia, 2017, 34, .	1.3	15
122	Limits on radio emission from meteors using the MWA. Monthly Notices of the Royal Astronomical Society, 2018, 477, 5167-5176.	1.6	15
123	Murchison Widefield Array detection of steep-spectrum, diffuse, non-thermal radio emission within Abell 1127. Publications of the Astronomical Society of Australia, 2020, 37, .	1.3	15
124	Redshifts and Velocity Dispersions of Galaxy Clusters in the Horologium-Reticulum Supercluster. Astronomical Journal, 2006, 131, 1280-1287.	1.9	14
125	The remnant radio galaxy associated with NGC 1534. Publications of the Astronomical Society of Australia, 2019, 36, .	1.3	14
126	Magnetic fields in clusters of galaxies. New Astronomy Reviews, 2004, 48, 1145-1150.	5.2	13





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145	A Matched Filter Technique for Slow Radio Transient Detection and First Demonstration with the Murchison Widefield Array. <i>Astronomical Journal</i> , 2017, 153, 98.	1.9	9
146	The <sc>XXL</sc> survey: First results and future. <i>Astronomische Nachrichten</i> , 2017, 338, 334-341.	0.6	9
147	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> , 0, , .	1.6	9
148	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.	1.6	9
149	SPT-CL J2032â€“5627: A new Southern double relic cluster observed with ASKAP. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	9
150	The merging galaxy cluster Abell 3266 at low radio frequencies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3525-3535.	1.6	9
151	The radio spectral energy distribution of infrared-faint radio sources. <i>Astronomy and Astrophysics</i> , 2016, 593, A130.	2.1	8
152	Ionospheric Modelling using GPS to Calibrate the MWA. II: Regional Ionospheric Modelling using GPS and GLONASS to Estimate Ionospheric Gradients. <i>Publications of the Astronomical Society of Australia</i> , 2016, 33, .	1.3	8
153	Galaxy clusters: Radio relics from fossil electrons. <i>Nature Astronomy</i> , 2017, 1, .	4.2	8
154	The GLEAMing of the first supermassive black holes. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	1.3	8
155	Low(er) frequency follow-up of 28 candidate, large-scale synchrotron sources. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	1.3	8
156	Measuring magnetism in the Milky Way with the Square Kilometre Array. , 2015, , .		8
157	An optical analysis of the merging cluster Abell 3888. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3083-3098.	1.6	7
158	Dynamics of Abell 3266 â€“ I. An optical view of a complex merging cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2645-2654.	1.6	7
159	Calibration database for the Murchison Widefield Array All-Sky Virtual Observatory. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	1.3	7
160	Wide-band Rotation Measure Synthesis. <i>Astrophysical Journal</i> , 2020, 894, 38.	1.6	7
161	FIGARO simulation: Filaments & GALactic RadiO simulation. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	6
162	A High Time-resolution Study of the Millisecond Pulsar J2241âˆ“5236 at Frequencies Below 300 MHz. <i>Astrophysical Journal</i> , 2019, 882, 133.	1.6	6

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163	Improved sensitivity for space domain awareness observations with the Murchison widefield array. <i>Advances in Space Research</i> , 2022, 70, 812-824.	1.2	6
164	The MWA long baseline Epoch of reionisation survey. Improved source catalogue for the EoR 0 field. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	5
165	Independent Discovery of a Nulling Pulsar with Unusual Subpulse Drifting Properties with the Murchison Widefield Array. <i>Astrophysical Journal</i> , 2022, 933, 210.	1.6	5
166	ATCA observations of the MACS-Planck Radio Halo Cluster Project. <i>Astronomy and Astrophysics</i> , 2018, 611, A94.	2.1	4
167	w-Stacking w-projection hybrid algorithm for wide-field interferometric imaging: implementation details and improvements. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	1.3	4
168	The Merger Dynamics of the Galaxy Cluster A1775: New Insights from Chandra and XMM-Newton for a Cluster Simultaneously Hosting a Wide-angle Tail and a Narrow-angle Tail Radio Source. <i>Astrophysical Journal</i> , 2021, 913, 8.	1.6	4
169	Wide-band spectral variability of peaked spectrum sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5358-5373.	1.6	4
170	Tailed Radio Sources in the CDFS Field. <i>Journal of Astrophysics and Astronomy</i> , 2011, 32, 491-492.	0.4	3
171	ATLAS, and Wide-Angle Tail Galaxies in ATLAS. <i>Journal of Astrophysics and Astronomy</i> , 2011, 32, 585-588.	0.4	3
172	Latent Dirichlet allocation for image segmentation and source finding in radio astronomy images. , 2012, , .		3
173	Removing non-physical structure in fitted Faraday rotated signals: Non-parametric QU-fitting. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	3
174	Observing the Sun with the Murchison Widefield Array. , 2014, , .		2
175	Pre-selection of the candidate fields for deep imaging of the epoch of reionization with SKA1-low. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3434-3444.	1.6	2
176	Two-point Angular Autocorrelation Function and the Origin of the Highest-energy Cosmic Rays. <i>Publications of the Astronomical Society of Australia</i> , 2000, 17, 207-211.	1.3	1
177	Searching for Excess Rotation Measures in Galaxy Clusters with the NVSS. <i>Journal of Astrophysics and Astronomy</i> , 2011, 32, 539-540.	0.4	1
178	Multiwavelength Observations of AB Doradus. <i>Publications of the Astronomical Society of Australia</i> , 2014, 31, .	1.3	1
179	Detection of a Double Relic in the Torpedo Cluster: SPT-CL J0245-5302. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	1
180	New Insights in Extragalactic Magnetic Fields. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 287-290.	0.0	1

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181	<i>Murchison Widefield Array and XMM-Newton observations of the Galactic supernova remnant G5.9+3.1. Astronomy and Astrophysics, 2019, 625, A93.</i>	2.1	1
182	Radio Halo and Relic Sources in Galaxy Clusters. Highlights of Astronomy, 2005, 13, 312-316.	0.0	0
183	Water masers within the G 333.2±0.6 giant molecular cloud. Proceedings of the International Astronomical Union, 2007, 3, 144-145.	0.0	0
184	EXECUTIVE COMMITTEE WORKING GROUP YOUNG ASTRONOMERS EVENTS. Proceedings of the International Astronomical Union, 2007, 3, 242-247.	0.0	0
185	Tailed radio galaxies as probes of cluster physics in the square kilometre array Era. , 2014, , .		0
186	First look Murchison Widefield Array observations of Abell 3667. , 2014, , .		0
187	Using radio jets of PKS J0334-3900 to probe the intra-cluster medium in A3135. Proceedings of the International Astronomical Union, 2014, 10, 301-302.	0.0	0
188	Using the morphology and magnetic fields of tailed radio galaxies as environmental probes. Proceedings of the International Astronomical Union, 2014, 10, 321-326.	0.0	0
189	Waves in the sky: Probing the ionosphere with the Murchison Widefield Array. , 2015, , .		0
190	A Long Overdue Synthesis Image of Centaurus A. Thirty Years of Astronomical Discovery With UKIRT, 2008, , 287-288.	0.3	0
191	Novel perspectives gained from new reconstruction algorithms. , 2020, , .		0