

# Emil Lenc

## List of Publications by Citations

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128  
papers

5,468  
citations

37  
h-index

70  
g-index

133  
ext. papers

6,601  
ext. citations

6  
avg, IF

4.82  
L-index

#	Paper	IF	Citations
128	wsclean: an implementation of a fast, generic wide-field imager for radio astronomy. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 444, 606-619	4.3	347
127	A radio counterpart to a neutron star merger. <i>Science</i> , <b>2017</b> , 358, 1579-1583	33.3	302
126	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> , <b>2017</b> , 464, 1146-1167	4.3	275
125	The Australia Telescope Compact Array Broad-band Backend: description and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 416, 832-856	4.3	272
124	EMU: Evolutionary Map of the Universe. <i>Publications of the Astronomical Society of Australia</i> , <b>2011</b> , 28, 215-248	5.5	251
123	A mildly relativistic wide-angle outflow in the neutron-star merger event GW170817. <i>Nature</i> , <b>2018</b> , 554, 207-210	50.4	224
122	A single fast radio burst localized to a massive galaxy at cosmological distance. <i>Science</i> , <b>2019</b> , 365, 565-570	39.3	208
121	Science with the Australian Square Kilometre Array Pathfinder. <i>Publications of the Astronomical Society of Australia</i> , <b>2007</b> , 24, 174-188	5.5	185
120	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> , <b>2015</b> , 32,	5.5	164
119	FIRST SEASON MWA EOR POWER SPECTRUM RESULTS AT REDSHIFT 7. <i>Astrophysical Journal</i> , <b>2016</b> , 833, 102	4.7	109
118	Radio detections during two state transitions of the intermediate-mass black hole HLX-1. <i>Science</i> , <b>2012</b> , 337, 554-6	33.3	106
117	FOREGROUNDS IN WIDE-FIELD REDSHIFTED 21 cm POWER SPECTRA. <i>Astrophysical Journal</i> , <b>2015</b> , 804, 14	4.7	101
116	A Turnover in the Radio Light Curve of GW170817. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 858, L15	7.9	97
115	A Strong Jet Signature in the Late-time Light Curve of GW170817. <i>Astrophysical Journal Letters</i> , <b>2018</b> , 868, L11	7.9	85
114	Empirical covariance modeling for 21 cm power spectrum estimation: A method demonstration and new limits from early Murchison Widefield Array 128-tile data. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	81
113	The Low-Frequency Environment of the Murchison Widefield Array: Radio-Frequency Interference Analysis and Mitigation. <i>Publications of the Astronomical Society of Australia</i> , <b>2015</b> , 32,	5.5	79
112	CHIPS: THE COSMOLOGICAL H I POWER SPECTRUM ESTIMATOR. <i>Astrophysical Journal</i> , <b>2016</b> , 818, 139	4.7	75

111	The Australian Square Kilometre Array Pathfinder: System Architecture and Specifications of the Boolardy Engineering Test Array. <i>Publications of the Astronomical Society of Australia</i> , <b>2014</b> , 31,	5.5	73
110	A 189 MHz, 2400 deg <sup>2</sup> POLARIZATION SURVEY WITH THE MURCHISON WIDEFIELD ARRAY 32-ELEMENT PROTOTYPE. <i>Astrophysical Journal</i> , <b>2013</b> , 771, 105	4.7	68
109	Extragalactic Peaked-spectrum Radio Sources at Low Frequencies. <i>Astrophysical Journal</i> , <b>2017</b> , 836, 174	4.7	67
108	CONFIRMATION OF WIDE-FIELD SIGNATURES IN REDSHIFTED 21 cm POWER SPECTRA. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 807, L28	7.9	60
107	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> , <b>2014</b> , 31,	5.5	60
106	THE MURCHISON WIDEFIELD ARRAY 21 cm POWER SPECTRUM ANALYSIS METHODOLOGY. <i>Astrophysical Journal</i> , <b>2016</b> , 825, 114	4.7	58
105	The Parkes Observatory Pulsar Data Archive. <i>Publications of the Astronomical Society of Australia</i> , <b>2011</b> , 28, 202-214	5.5	56
104	The Australian Square Kilometre Array Pathfinder: Performance of the Boolardy Engineering Test Array. <i>Publications of the Astronomical Society of Australia</i> , <b>2016</b> , 33,	5.5	56
103	Understanding instrumental Stokes leakage in Murchison Widefield Array polarimetry. <i>Radio Science</i> , <b>2015</b> , 50, 52-65	1.4	55
102	THE IMPORTANCE OF WIDE-FIELD FOREGROUND REMOVAL FOR 21 cm COSMOLOGY: A DEMONSTRATION WITH EARLY MWA EPOCH OF REIONIZATION OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2016</b> , 819, 8	4.7	52
101	First limits on the 21cm power spectrum during the Epoch of X-ray heating. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 4320-4347	4.3	51
100	Discovery of H i gas in a young radio galaxy at z = 0.44 using the Australian Square Kilometre Array Pathfinder. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 1249-1267	4.3	48
99	BROADBAND SPECTRAL MODELING OF THE EXTREME GIGAHERTZ-PEAKED SPECTRUM RADIO SOURCE PKS B0008-421. <i>Astrophysical Journal</i> , <b>2015</b> , 809, 168	4.7	46
98	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> , <b>2016</b> , 458, 1057-1070	4.3	45
97	Real-time imaging of density ducts between the plasmasphere and ionosphere. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 3707-3714	4.9	45
96	LOW-FREQUENCY OBSERVATIONS OF LINEARLY POLARIZED STRUCTURES IN THE INTERSTELLAR MEDIUM NEAR THE SOUTH GALACTIC POLE. <i>Astrophysical Journal</i> , <b>2016</b> , 830, 38	4.7	44
95	Deep Chandra observations of Pictor A. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 455, 3526-3545	4.3	43
94	ASKAP H i imaging of the galaxy group IC 1459. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 2680-2691	4.3	41

93	The Subparsec-Scale Radio Properties of Southern Starburst Galaxies. I. Supernova Remnants, the Supernova Rate, and the Ionized Medium in the NGC 253 Starburst. <i>Astronomical Journal</i> , <b>2006</b> , 132, 1333-1345	4.9	40
92	Low-frequency radio constraints on the synchrotron cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 4914-4936	4.3	37
91	Australian square kilometre array pathfinder: I. system description. <i>Publications of the Astronomical Society of Australia</i> , <b>2021</b> , 38,	5.5	37
90	Super-Eddington mechanical power of an accreting black hole in M83. <i>Science</i> , <b>2014</b> , 343, 1330-3	33.3	36
89	An all-sky survey of circular polarization at 200 MHz. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 2835-2849	4.3	36
88	ATLAS II. Third release of 1.4 GHz mosaics and component catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 4021-4037	4.3	35
87	The Murchison Widefield Array Correlator. <i>Publications of the Astronomical Society of Australia</i> , <b>2015</b> , 32,	5.5	34
86	Limits on low-frequency radio emission from southern exoplanets with the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 446, 2560-2565	4.3	34
85	The Challenges of Low-Frequency Radio Polarimetry: Lessons from the Murchison Widefield Array. <i>Publications of the Astronomical Society of Australia</i> , <b>2017</b> , 34,	5.5	33
84	154 MHz Detection of Faint, Polarized Flares from UV Ceti. <i>Astrophysical Journal Letters</i> , <b>2017</b> , 836, L30	7.9	33
83	Wide-field VLBA observations of the Chandradeep field South. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 526, A74	5.1	33
82	A HIGH RESOLUTION VIEW OF THE JET TERMINATION SHOCK IN A HOT SPOT OF THE NEARBY RADIO GALAXY PICTOR A: IMPLICATIONS FOR X-RAY MODELS OF RADIO GALAXY HOT SPOTS. <i>Astronomical Journal</i> , <b>2008</b> , 136, 2473-2482	4.9	33
81	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> , <b>2015</b> , 446, 3478-3491	4.3	32
80	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> , <b>2017</b> , 34,	5.5	32
79	The First Murchison Widefield Array low-frequency radio observations of cluster scale non-thermal emission: the case of Abell 3667. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 445, 330-346	4.3	32
78	An ASKAP Search for a Radio Counterpart to the First High-significance Neutron Star Black Hole Merger LIGO/Virgo S190814bv. <i>Astrophysical Journal Letters</i> , <b>2019</b> , 887, L13	7.9	31
77	ATLAS 1.4 GHz Data Release 2 - I. Observations of the CDF-S and ELAIS-S1 fields and methods for constructing differential number counts. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 441, 2555-2592	4.3	30
76	SHOCKS, SEYFERTS, AND THE SUPERNOVA REMNANT CONNECTION: A CHANDRA OBSERVATION OF THE CIRCINUS GALAXY. <i>Astrophysical Journal</i> , <b>2012</b> , 758, 95	4.7	30

75	The Rapid ASKAP Continuum Survey I: Design and first results. <i>Publications of the Astronomical Society of Australia</i> , <b>2020</b> , 37,	5.5	29
74	On the radio properties of the intermediate-mass black hole candidate ESO 243-49 HLX-1. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 446, 3268-3276	4.3	27
73	A Deep, High-Resolution Survey of the Low-Frequency Radio Sky. <i>Astrophysical Journal</i> , <b>2008</b> , 673, 78-95	4.7	27
72	A search for long-time-scale, low-frequency radio transients. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 466, 1944-1953	4.3	26
71	The radio properties of infrared-faint radio sources. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 526, A8	5.1	26
70	ON THE DETECTION AND TRACKING OF SPACE DEBRIS USING THE MURCHISON WIDEFIELD ARRAY. I. SIMULATIONS AND TEST OBSERVATIONS DEMONSTRATE FEASIBILITY. <i>Astronomical Journal</i> , <b>2013</b> , 146, 103	4.9	24
69	A FLARE IN THE JET OF PICTOR A. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 714, L213-L216	7.9	24
68	Limits on Precursor and Afterglow Radio Emission from a Fast Radio Burst in a Star-forming Galaxy. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 901, L20	7.9	24
67	Power spectrum analysis of ionospheric fluctuations with the Murchison Widefield Array. <i>Radio Science</i> , <b>2015</b> , 50, 574-597	1.4	22
66	THE SUB-PARSEC SCALE RADIO PROPERTIES OF SOUTHERN STARBURST GALAXIES. II. SUPERNOVA REMNANTS, THE SUPERNOVA RATE, AND THE IONISED MEDIUM IN THE NGC 4945 STARBURST. <i>Astronomical Journal</i> , <b>2009</b> , 137, 537-553	4.9	22
65	Illuminating the past 8 billion years of cold gas towards two gravitationally lensed quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 4450-4467	4.3	21
64	The radio core of the ultraluminous infrared galaxy F00183-111: watching the birth of a quasar. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 422, 1453-1459	4.3	21
63	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> , <b>2017</b> , 34,	5.5	21
62	Quantifying ionospheric effects on time-domain astrophysics with the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 453, 2732-2747	4.3	21
61	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> , <b>2016</b> , 461, 4151-4175	4.3	21
60	The spectral energy distribution of powerful starburst galaxies II. Modelling the radio continuum. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 474, 779-799	4.3	21
59	The detectability of radio emission from exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 1763-1775	4.3	20
58	The ATLAS 5.5 GHz survey of the extended Chandra Deep Field South: catalogue, source counts and spectral indices. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 426, 2342-2358	4.3	20

57	Wide-field broad-band radio imaging with phased array feeds: a pilot multi-epoch continuum survey with ASKAP-BETA. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 457, 4160-4178	4.3	19
56	Low-Frequency Spectral Energy Distributions of Radio Pulsars Detected with the Murchison Widefield Array. <i>Publications of the Astronomical Society of Australia</i> , <b>2017</b> , 34,	5.5	19
55	Interacting large-scale magnetic fields and ionized gas in the W50/SS433 system. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 4777-4801	4.3	19
54	Faraday rotation at low frequencies: magnetoionic material of the large FR II radio galaxy PKS J06360036. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 4263-4277	4.3	18
53	ASKAP detection of periodic and elliptically polarized radio pulses from UV Ceti. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 559-571	4.3	17
52	Spectral Energy Distribution and Radio Halo of NGC 253 at Low Radio Frequencies. <i>Astrophysical Journal</i> , <b>2017</b> , 838, 68	4.7	16
51	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> , <b>2018</b> , 35,	5.5	16
50	A pilot ASKAP survey of radio transient events in the region around the intermittent pulsar PSR J11070907. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 456, 3948-3960	4.3	15
49	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> , <b>2018</b> , 480, 2743-2756	4.3	15
48	A Serendipitous MWA Search for Narrowband Signals from $\mu$ Deneb. <i>Astrophysical Journal</i> , <b>2018</b> , 857, 11	4.7	14
47	Detecting pulsars with interstellar scintillation in variance images. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 3115-3122	4.3	14
46	The Low-Frequency Solar Corona in Circular Polarization. <i>Solar Physics</i> , <b>2019</b> , 294, 1	2.6	14
45	A Flare-type IV Burst Event from Proxima Centauri and Implications for Space Weather. <i>Astrophysical Journal</i> , <b>2020</b> , 905, 23	4.7	14
44	Unexpected circular radio objects at high Galactic latitude. <i>Publications of the Astronomical Society of Australia</i> , <b>2021</b> , 38,	5.5	14
43	Connecting X-ray absorption and 21cm neutral hydrogen absorption in obscured radio AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 2952-2973	4.3	13
42	A Large-Scale, Low-Frequency Murchison Widefield Array Survey of Galactic H II Regions between 260 &lt;l &lt; 340. <i>Publications of the Astronomical Society of Australia</i> , <b>2016</b> , 33,	5.5	13
41	Low radio frequency observations and spectral modelling of the remnant of Supernova 1987A. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 462, 290-297	4.3	12
40	Discovery of a very young high-mass X-ray binary associated with the supernova remnant MCSNR J0513-6724 in the LMC. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 5494-5502	4.3	12

39	Ionospheric Modelling using GPS to Calibrate the MWA. I: Comparison of First Order Ionospheric Effects between GPS Models and MWA Observations. <i>Publications of the Astronomical Society of Australia</i> , <b>2015</b> , 32,	5.5	12
38	DELAY SPECTRUM WITH PHASE-TRACKING ARRAYS: EXTRACTING THE H I POWER SPECTRUM FROM THE EPOCH OF REIONIZATION. <i>Astrophysical Journal</i> , <b>2016</b> , 833, 213	4.7	12
37	Measuring the global 21-cm signal with the MWA-I: improved measurements of the Galactic synchrotron background using lunar occultation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 5034-5045	4.3	12
36	Star formation in the ultraluminous infrared galaxy F00183-7111. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2014</b> , 440, L31-L35	4.3	11
35	PARSEC-SCALE SHOCKS IN THE KILOPARSEC-SCALE JET OF CENTAURUS A. <i>Astronomical Journal</i> , <b>2009</b> , 138, 808-812	4.9	11
34	Galactic synchrotron emissivity measurements between 250 $\mu$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 3163-3174	4.3	10
33	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> , <b>2020</b> , 37,	5.5	10
32	A circular polarization survey for radio stars with the Australian SKA Pathfinder. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 5438-5454	4.3	10
31	The Evolutionary Map of the Universe pilot survey. <i>Publications of the Astronomical Society of Australia</i> , <b>2021</b> , 38,	5.5	10
30	MULTI-EPOCH VERY LONG BASELINE INTERFEROMETRIC OBSERVATIONS OF THE NUCLEAR STARBURST REGION OF NGC 253: IMPROVED MODELING OF THE SUPERNOVA AND STAR FORMATION RATES. <i>Astronomical Journal</i> , <b>2014</b> , 147, 5	4.9	9
29	Discovery of an Extremely Short Duration Flare from Proxima Centauri Using Millimeter through Far-ultraviolet Observations. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 911, L25	7.9	9
28	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> , <b>2018</b> , 479, 4041-4055	4.3	9
27	An analysis of the halo and relic radio emission from Abell 3376 from Murchison Widefield Array observations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 4207-4214	4.3	8
26	Discovery of a new extragalactic circular radio source with ASKAP: ORC J0102 $\square$ 450. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2021</b> , 505, L11-L15	4.3	8
25	High-resolution Observations of Low-luminosity Gigahertz-Peaked Spectrum and Compact Steep Spectrum Sources. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> ,	4.3	8
24	OPTICAL DETECTION OF THE PICTOR A JET AND TIDAL TAIL: EVIDENCE AGAINST AN IC/CMB JET. <i>Astrophysical Journal</i> , <b>2015</b> , 808, 92	4.7	7
23	High-velocity OH megamasers in IRAS 20100 $\square$ 156: evidence for a supermassive black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 2180-2185	4.3	7
22	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> , <b>2016</b> , 33,	5.5	7

21	Serendipitous Discovery of PSR J1431-6328 as a Highly Polarized Point Source with the Australian SKA Pathfinder. <i>Astrophysical Journal</i> , <b>2019</b> , 884, 96	4.7	6
20	The radio spectral energy distribution of infrared-faint radio sources. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 593, A130	5.1	6
19	The Extraordinary Linear Polarisation Structure of the Southern Centaurus A Lobe Revealed by ASKAP. <i>Galaxies</i> , <b>2018</b> , 6, 127	2	6
18	Hi study of the environment around ESO243B9, the host galaxy of an intermediate-mass black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 447, 1951-1961	4.3	5
17	The ASKAP-EMU Early Science Project: 888 MHz radio continuum survey of the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 3540-3559	4.3	5
16	The Panchromatic Afterglow of GW170817: The Full Uniform Data Set, Modeling, Comparison with Previous Results, and Implications. <i>Astrophysical Journal</i> , <b>2021</b> , 922, 154	4.7	4
15	The Rapid ASKAP Continuum Survey Paper II: First Stokes I Source Catalogue Data Release. <i>Publications of the Astronomical Society of Australia</i> , <b>2021</b> , 38,	5.5	4
14	The ASKAP Variables and Slow Transients (VAST) Pilot Survey. <i>Publications of the Astronomical Society of Australia</i> , <b>2021</b> , 38,	5.5	4
13	Mysterious Odd Radio Circle near the Large Magellanic Cloud – An Intergalactic Supernova Remnant?. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	3
12	Discovery of ASKAP J173608.2B21635 as a Highly Polarized Transient Point Source with the Australian SKA Pathfinder. <i>Astrophysical Journal</i> , <b>2021</b> , 920, 45	4.7	3
11	Field sources near the southern-sky calibrator PKS B1934-638: effect on spectral line observations with SKA-MID and its precursors. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 5018-5028	4.3	3
10	ASKAP observations of multiple rapid scintillators reveal a degrees-long plasma filament. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 3294-3311	4.3	3
9	Astrometric accuracy of snapshot fast radio burst localisations with ASKAP. <i>Publications of the Astronomical Society of Australia</i> , <b>2021</b> , 38,	5.5	3
8	A comprehensive search for the radio counterpart of GW190814 with the Australian Square Kilometre Array Pathfinder. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 510, 3794-3805	4.3	3
7	Archival VLBA Observations of the Cygnus A Nuclear Radio Transient (Cyg A-2) Strengthen the Tidal Disruption Event Interpretation. <i>Astrophysical Journal Letters</i> , <b>2020</b> , 901, L17	7.9	2
6	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> , <b>2021</b> , 38,	5.5	2
5	Discovery of PSR J0523-7125 as a Circularly Polarized Variable Radio Source in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , <b>2022</b> , 930, 38	4.7	2
4	A search for radio afterglows from gamma-ray bursts with the Australian Square Kilometre Array Pathfinder. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 1847-1863	4.3	1



- 3 The EMU view of the Large Magellanic Cloud: troubles for sub-TeV WIMPs. *Journal of Cosmology and Astroparticle Physics*, **2021**, 2021, 046 6.4 ○
- 2 A depolarizing H I tidal tail in the western lobe of Fornax A. *Astronomy and Astrophysics*, **2022**, 660, A48 5.1 ○
- 1 Murchison Widefield Array and XMM-Newton observations of the Galactic supernova remnant G5.9+3.1. *Astronomy and Astrophysics*, **2019**, 625, A93 5.1