

Emil Lenc

List of Publications by Year in descending order

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Version: 2024-02-01

131
papers

7,732
citations

57752

44
h-index

56717

83
g-index

133
all docs

133
docs citations

133
times ranked

5798
citing authors

#	ARTICLE	IF	CITATIONS
1	wsclean: an implementation of a fast, generic wide-field imager for radio astronomy. Monthly Notices of the Royal Astronomical Society, 2014, 444, 606-619.	4.4	562
2	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.	4.4	402
3	A radio counterpart to a neutron star merger. Science, 2017, 358, 1579-1583.	12.6	390
4	The Australia Telescope Compact Array Broad-band Backend: description and first resultsâ€”.... Monthly Notices of the Royal Astronomical Society, 2011, 416, 832-856.	4.4	319
5	EMU: Evolutionary Map of the Universe. Publications of the Astronomical Society of Australia, 2011, 28, 215-248.	3.4	312
6	A single fast radio burst localized to a massive galaxy at cosmological distance. Science, 2019, 365, 565-570.	12.6	295
7	A mildly relativistic wide-angle outflow in the neutron-star merger event GW170817. Nature, 2018, 554, 207-210.	27.8	283
8	Science with the Australian Square Kilometre Array Pathfinder. Publications of the Astronomical Society of Australia, 2007, 24, 174-188.	3.4	231
9	GLEAM: The GaLactic and Extragalactic All-Sky MWA Survey. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	221
10	FIRST SEASON MWA EOR POWER SPECTRUM RESULTS AT REDSHIFT 7. Astrophysical Journal, 2016, 833, 102.	4.5	147
11	Australian square kilometre array pathfinder: I. system description. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	128
12	The Rapid ASKAP Continuum Survey I: Design and first results. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	127
13	Radio Detections During Two State Transitions of the Intermediate-Mass Black Hole HLX-1. Science, 2012, 337, 554-556.	12.6	126
14	FOREGROUNDS IN WIDE-FIELD REDSHIFTED 21 cm POWER SPECTRA. Astrophysical Journal, 2015, 804, 14.	4.5	122
15	A Turnover in the Radio Light Curve of GW170817. Astrophysical Journal Letters, 2018, 858, L15.	8.3	118
16	A Strong Jet Signature in the Late-time Light Curve of GW170817. Astrophysical Journal Letters, 2018, 868, L11.	8.3	114
17	Extragalactic Peaked-spectrum Radio Sources at Low Frequencies. Astrophysical Journal, 2017, 836, 174.	4.5	112
18	The Low-Frequency Environment of the Murchison Widefield Array: Radio-Frequency Interference Analysis and Mitigation. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	107

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19	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> , 2015, 91, .	4.7	99
20	CHIPS: THE COSMOLOGICAL H I POWER SPECTRUM ESTIMATOR. <i>Astrophysical Journal</i> , 2016, 818, 139.	4.5	98
21	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> , 2014, 31, .	3.4	91
22	A 189 MHz, 2400 deg ² POLARIZATION SURVEY WITH THE MURCHISON WIDEFIELD ARRAY 32-ELEMENT PROTOTYPE. <i>Astrophysical Journal</i> , 2013, 771, 105.	4.5	79
23	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.	4.4	79
24	The Australian Square Kilometre Array Pathfinder: Performance of the Boolardy Engineering Test Array. <i>Publications of the Astronomical Society of Australia</i> , 2016, 33, .	3.4	75
25	CONFIRMATION OF WIDE-FIELD SIGNATURES IN REDSHIFTED 21 cm POWER SPECTRA. <i>Astrophysical Journal Letters</i> , 2015, 807, L28.	8.3	73
26	The Parkes Observatory Pulsar Data Archive. <i>Publications of the Astronomical Society of Australia</i> , 2011, 28, 202-214.	3.4	69
27	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.	4.4	68
28	THE MURCHISON WIDEFIELD ARRAY 21 cm POWER SPECTRUM ANALYSIS METHODOLOGY. <i>Astrophysical Journal</i> , 2016, 825, 114.	4.5	67
29	BROADBAND SPECTRAL MODELING OF THE EXTREME GIGAHERTZ-PEAKED SPECTRUM RADIO SOURCE PKS B0008-421. <i>Astrophysical Journal</i> , 2015, 809, 168.	4.5	65
30	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.	4.5	65
31	Understanding instrumental Stokes leakage in Murchison Widefield Array polarimetry. <i>Radio Science</i> , 2015, 50, 52-65.	1.6	64
32	The Evolutionary Map of the Universe pilot survey. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	64
33	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, .	3.4	62
34	Discovery of H ₂ 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> , 2015, 453, 1249-1267.	4.4	61
35	Real-time imaging of density ducts between the plasmasphere and ionosphere. <i>Geophysical Research Letters</i> , 2015, 42, 3707-3714.	4.0	61
36	Deep Chandra observations of Pictor A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3526-3545.	4.4	59

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37	LOW-FREQUENCY OBSERVATIONS OF LINEARLY POLARIZED STRUCTURES IN THE INTERSTELLAR MEDIUM NEAR THE SOUTH GALACTIC POLE. <i>Astrophysical Journal</i> , 2016, 830, 38.	4.5	58
38	Low-frequency radio constraints on the synchrotron cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4914-4936.	4.4	56
39	An all-sky survey of circular polarization at 200 MHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 2835-2849.	4.4	55
40	ASKAP H&#oI imaging of the galaxy group IC 1459. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 2680-2691.	4.4	54
41	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, .	3.4	51
42	ATLAS &#iI. Third release of 1.4 GHz mosaics and component catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 4021-4037.	4.4	48
43	The Rapid ASKAP Continuum Survey Paper II: First Stokes I Source Catalogue Data Release. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	46
44	The Challenges of Low-Frequency Radio Polarimetry: Lessons from the Murchison Widefield Array. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	45
45	An ASKAP Search for a Radio Counterpart to the First High-significance Neutron Star&#iBlack Hole Merger LIGO/Virgo S190814bv. <i>Astrophysical Journal Letters</i> , 2019, 887, L13.	8.3	45
46	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> , 2006, 132, 1333-1345.	4.7	43
47	Super-Eddington Mechanical Power of an Accreting Black Hole in M83. <i>Science</i> , 2014, 343, 1330-1333.	12.6	43
48	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.	4.4	41
49	154 MHz Detection of Faint, Polarized Flares from UV Ceti. <i>Astrophysical Journal Letters</i> , 2017, 836, L30.	8.3	41
50	Discovery of an Extremely Short Duration Flare from Proxima Centauri Using Millimeter through Far-ultraviolet Observations. <i>Astrophysical Journal Letters</i> , 2021, 911, L25.	8.3	40
51	Limits on Precursor and Afterglow Radio Emission from a Fast Radio Burst in a Star-forming Galaxy. <i>Astrophysical Journal Letters</i> , 2020, 901, L20.	8.3	40
52	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.	4.4	39
53	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> , 2014, 445, 330-346.	4.4	39
54	The Murchison Widefield Array Correlator. <i>Publications of the Astronomical Society of Australia</i> , 2015, 32, .	3.4	39

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55	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> , 2008, 136, 2473-2482.	4.7	37
56	Wide-field VLBA observations of the <i>Chandra</i> deep field South. <i>Astronomy and Astrophysics</i> , 2011, 526, A74.	5.1	37
57	A Flare-type IV Burst Event from Proxima Centauri and Implications for Space Weather. <i>Astrophysical Journal</i> , 2020, 905, 23.	4.5	37
58	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> , 2014, 441, 2555-2592.	4.4	35
59	SHOCKS, SEYFERTS, AND THE SUPERNOVA REMNANT CONNECTION: A <i>CHANDRA</i> OBSERVATION OF THE CIRCINUS GALAXY. <i>Astrophysical Journal</i> , 2012, 758, 95.	4.5	34
60	ON THE DETECTION AND TRACKING OF SPACE DEBRIS USING THE MURCHISON WIDEFIELD ARRAY. I. SIMULATIONS AND TEST OBSERVATIONS DEMONSTRATE FEASIBILITY. <i>Astronomical Journal</i> , 2013, 146, 103.	4.7	34
61	The spectral energy distribution of powerful starburst galaxies â€” I. Modelling the radio continuum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 779-799.	4.4	32
62	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> , 2015, 446, 3268-3276.	4.4	31
63	Illuminating the past 8 billion years of cold gas towards two gravitationally lensed quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4450-4467.	4.4	31
64	The detectability of radio emission from exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1763-1775.	4.4	31
65	ASKAP detection of periodic and elliptically polarized radio pulses from UV Ceti. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 559-571.	4.4	31
66	Power spectrum analysis of ionospheric fluctuations with the Murchison Widefield Array. <i>Radio Science</i> , 2015, 50, 574-597.	1.6	30
67	A search for long-time-scale, low-frequency radio transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1944-1953.	4.4	30
68	Unexpected circular radio objects at high Galactic latitude. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	29
69	A circular polarization survey for radio stars with the Australian SKA Pathfinder. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5438-5454.	4.4	29
70	A Deep, High-Resolution Survey of the Low-Frequency Radio Sky. <i>Astrophysical Journal</i> , 2008, 673, 78-95.	4.5	29
71	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> , 2009, 137, 537-553.	4.7	27
72	A FLARE IN THE JET OF PICTOR A. <i>Astrophysical Journal Letters</i> , 2010, 714, L213-L216.	8.3	27

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73	The radio properties of infrared-faint radio sources. <i>Astronomy and Astrophysics</i> , 2011, 526, A8.	5.1	27
74	A high reliability survey of discrete Epoch of Reionization foreground sources in the MWA EoRO field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 4151-4175.	4.4	27
75	The Panchromatic Afterglow of GW170817: The Full Uniform Data Set, Modeling, Comparison with Previous Results, and Implications. <i>Astrophysical Journal</i> , 2021, 922, 154.	4.5	27
76	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> , 2016, 457, 4160-4178.	4.4	26
77	The ASKAP Variables and Slow Transients (VAST) Pilot Survey. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	26
78	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, .	3.4	25
79	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, .	3.4	25
80	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.	4.4	24
81	Connecting X-ray absorption and 21Åcm neutral hydrogen absorption in obscured radio AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2952-2973.	4.4	24
82	The Low-Frequency Solar Corona in Circular Polarization. <i>Solar Physics</i> , 2019, 294, 1.	2.5	24
83	The EMU view of the Large Magellanic Cloud: troubles for sub-TeV WIMPs. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 046.	5.4	24
84	A pilot ASKAP survey of radio transient events in the region around the intermittent pulsar PSR J1107âˆ²5907. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3948-3960.	4.4	23
85	Spectral Energy Distribution and Radio Halo of NGC 253 at Low Radio Frequencies. <i>Astrophysical Journal</i> , 2017, 838, 68.	4.5	23
86	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.	4.4	23
87	The radio core of the ultraluminous infrared galaxy F00183âˆ²7111: watching the birth of a quasar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1453-1459.	4.4	22
88	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, .	3.4	22
89	Faraday rotation at low frequencies: magnetoionic material of the large FR II radio galaxy PKS J0636âˆ²2036. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4263-4277.	4.4	22
90	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> , 2012, 426, 2342-2358.	4.4	21

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91	Detecting pulsars with interstellar scintillation in variance images. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3115-3122.	4.4	21
92	A multifrequency radio continuum study of the Magellanic Clouds – I. Overall structure and star formation rates. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2743-2756.	4.4	21
93	Discovery of a very young high-mass X-ray binary associated with the supernova remnant MCSNR J0513-6724 in the LMC. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5494-5502.	4.4	21
94	Discovery of a new extragalactic circular radio source with ASKAP: ORCA J0102-2450. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 505, L11-L15.	3.3	21
95	Measuring the global 21-cm signal with the MWA-I: improved measurements of the Galactic synchrotron background using lunar occultation. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5034-5045.	4.4	20
96	A Serendipitous MWA Search for Narrowband Signals from Oumuamua. Astrophysical Journal, 2018, 857, 11.	4.5	19
97	The POLarised GLEAM Survey (POGS) II: Results from an all-sky rotation measure synthesis survey at long wavelengths. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	19
98	The ASKAP-EMU Early Science Project: 888 MHz radio continuum survey of the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3540-3559.	4.4	19
99	Discovery of ASKAP J173608.2-321635 as a Highly Polarized Transient Point Source with the Australian SKA Pathfinder. Astrophysical Journal, 2021, 920, 45.	4.5	18
100	A Large-Scale, Low-Frequency Murchison Widefield Array Survey of Galactic H I Regions between 260 < i>l</i> < i>l</i> 340. Publications of the Astronomical Society of Australia, 2016, 33, .	3.4	16
101	DELAY SPECTRUM WITH PHASE-TRACKING ARRAYS: EXTRACTING THE H I POWER SPECTRUM FROM THE EPOCH OF REIONIZATION. Astrophysical Journal, 2016, 833, 213.	4.5	15
102	Low radio frequency observations and spectral modelling of the remnant of Supernova 1987A. Monthly Notices of the Royal Astronomical Society, 2016, 462, 290-297.	4.4	15
103	ASKAP observations of multiple rapid scintillators reveal a degrees-long plasma filament. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3294-3311.	4.4	14
104	Serendipitous Discovery of PSR J1431-6328 as a Highly Polarized Point Source with the Australian SKA Pathfinder. Astrophysical Journal, 2019, 884, 96.	4.5	14
105	Mysterious odd radio circle near the large magellanic cloud – an intergalactic supernova remnant?. Monthly Notices of the Royal Astronomical Society, 2022, 512, 265-284.	4.4	14
106	A comprehensive search for the radio counterpart of GW190814 with the Australian Square Kilometre Array Pathfinder. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3794-3805.	4.4	14
107	Ionospheric Modelling using GPS to Calibrate the MWA. I: Comparison of First Order Ionospheric Effects between GPS Models and MWA Observations. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	13
108	Galactic synchrotron distribution derived from 152 H I region absorption features in the full GLEAM survey. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4041-4055.	4.4	13

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109	Early Science from POSSUM: Shocks, turbulence, and a massive new reservoir of ionised gas in the Fornax cluster. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	13
110	Star formation in the ultraluminous infrared galaxy F00183-7111. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 440, L31-L35.	3.3	12
111	An analysis of the halo and relic radio emission from Abell 3376 from Murchison Widefield Array observations. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4207-4214.	4.4	12
112	Galactic synchrotron emissivity measurements between 250° <i> </i>< 355 $^{\circ}$ from the GLEAM survey with the MWA. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3163-3174.	4.4	12
113	Astrometric accuracy of snapshot fast radio burst localisations with ASKAP. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	12
114	PARSEC-SCALE SHOCKS IN THE KILOPARSEC-SCALE JET OF CENTAURUS A. Astronomical Journal, 2009, 138, 808-812.	4.7	11
115	MULTI-EPOCH VERY LONG BASELINE INTERFEROMETRIC OBSERVATIONS OF THE NUCLEAR STARBURST REGION OF NGC 253: IMPROVED MODELING OF THE SUPERNOVA AND STAR FORMATION RATES. Astronomical Journal, 2014, 147, 5.	4.7	11
116	High-velocity OH megamasers in IRAS 20100 $\hat{\sim}$ 4156: evidence for a supermassive black hole. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2180-2185.	4.4	10
117	High-resolution Observations of Low-luminosity Gigahertz-Peaked Spectrum and Compact Steep Spectrum Sources. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	10
118	Discovery of PSR J0523-7125 as a Circularly Polarized Variable Radio Source in the Large Magellanic Cloud. Astrophysical Journal, 2022, 930, 38.	4.5	10
119	OPTICAL DETECTION OF THE PICTOR A JET AND TIDAL TAIL: EVIDENCE AGAINST AN IC/CMB JET. Astrophysical Journal, 2015, 808, 92.	4.5	9
120	The radio spectral energy distribution of infrared-faint radio sources. Astronomy and Astrophysics, 2016, 593, A130.	5.1	8
121	Ionospheric Modelling using GPS to Calibrate the MWA. II: Regional Ionospheric Modelling using GPS and GLONASS to Estimate Ionospheric Gradients. Publications of the Astronomical Society of Australia, 2016, 33, .	3.4	8
122	A search for radio afterglows from gamma-ray bursts with the Australian Square Kilometre Array Pathfinder. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1847-1863.	4.4	8
123	The Extraordinary Linear Polarisation Structure of the Southern Centaurus A Lobe Revealed by ASKAP. Galaxies, 2018, 6, 127.	3.0	7
124	H $\hat{\epsilon}$ study of the environment around ESO $\hat{2}$ 43 $\hat{\sim}$ 49, the host galaxy of an intermediate-mass black hole. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1951-1961.	4.4	6
125	Constraining the radio properties of the $z \hat{\sim} 6.44$ QSO VIK J2318 $\hat{\sim}$ 3113. Astronomy and Astrophysics, 2022, 663, A73.	5.1	6
126	Field sources near the southern-sky calibrator PKS B1934-638: effect on spectral line observations with SKA-MID and its precursors. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5018-5028.	4.4	4

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127	A depolarizing H α tidal tail in the western lobe of Fornax A. <i>Astronomy and Astrophysics</i> , 2022, 660, A48.	5.1	3
128	Archival VLBA Observations of the Cygnus A Nuclear Radio Transient (Cyg A-2) Strengthen the Tidal Disruption Event Interpretation. <i>Astrophysical Journal Letters</i> , 2020, 901, L17.	8.3	2
129	<i>Murchison</i> Widefield Array and <i>XMM-Newton</i> observations of the Galactic supernova remnant G5.9+3.1. <i>Astronomy and Astrophysics</i> , 2019, 625, A93.	5.1	1
130	The GLEAM 200-MHz local radio luminosity function for AGN and star-forming galaxies. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	1
131	Improving the Murchison Widefield Array tile model for polarimetry. , 2014, , .		0