

Steven J Tingay

List of Publications by Year in descending order

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337
papers

16,639
citations

25034

57
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19190

118
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340
all docs

340
docs citations

340
times ranked

12330
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-messenger Observations of a Binary Neutron Star Merger [*] . Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805
2	The Murchison Widefield Array: The Square Kilometre Array Precursor at Low Radio Frequencies. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	892
3	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
4	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
5	DiFX-2: A More Flexible, Efficient, Robust, and Powerful Software Correlator. Publications of the Astronomical Society of the Pacific, 2011, 123, 275-287.	3.1	344
6	Science with ASKAP. Experimental Astronomy, 2008, 22, 151-273.	3.7	332
7	The Murchison Widefield Array: Design Overview. Proceedings of the IEEE, 2009, 97, 1497-1506.	21.3	311
8	Relativistic motion in a nearby bright X-ray source. Nature, 1995, 374, 141-143.	27.8	260
9	Science with the Murchison Widefield Array. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	260
10	The host galaxy of a fast radio burst. Nature, 2016, 530, 453-456.	27.8	241
11	DiFX: A Software Correlator for Very Long Baseline Interferometry Using Multiprocessor Computing Environments. Publications of the Astronomical Society of the Pacific, 2007, 119, 318-336.	3.1	233
12	Science with the Australian Square Kilometre Array Pathfinder. Publications of the Astronomical Society of Australia, 2007, 24, 174-188.	3.4	231
13	GLEAM: The Galactic and Extragalactic All-Sky MWA Survey. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	221
14	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. Astrophysical Journal Letters, 2016, 826, L13.	8.3	210
15	[ITAL]Chandra[/ITAL] Discovery of a 100 kiloparsec X-Ray Jet in PKS 0637âˆ“752. Astrophysical Journal, 2000, 540, L69-L72.	4.5	173
16	On the Origin of Radio Emission in the Xâ€ray States of XTE J1650âˆ“500 during the 2001â€2002 Outburst. Astrophysical Journal, 2004, 617, 1272-1283.	4.5	162
17	Overcoming real-world obstacles in 21 cm power spectrum estimation: A method demonstration and results from early Murchison Widefield Array data. Physical Review D, 2014, 89, .	4.7	151
18	THE IMPACT OF POINT-SOURCE SUBTRACTION RESIDUALS ON 21 cm EPOCH OF REIONIZATION ESTIMATION. Astrophysical Journal, 2012, 757, 101.	4.5	148

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19	Overview and Initial Results of the Very Long Baseline Interferometry Space Observatory Programme. , 1998, 281, 1825-1829.		147
20	FIRST SEASON MWA EOR POWER SPECTRUM RESULTS AT REDSHIFT 7. Astrophysical Journal, 2016, 833, 102.	4.5	147
21	Follow Up of GW170817 and Its Electromagnetic Counterpart by Australian-Led Observing Programmes. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	142
22	The Phase II Murchison Widefield Array: Design overview. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	140
23	Deep multiredshift limits on Epoch of Reionization 21Åcm power spectra from four seasons of Murchison Widefield Array observations. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4711-4727.	4.4	129
24	The Subparsec-Scale Structure and Evolution of Centaurus A: The Nearest Active Radio Galaxy. Astronomical Journal, 1998, 115, 960-974.	4.7	128
25	The Chandra X-ray Observatory Resolves the X-ray Morphology and Spectra of a Jet in PKS 0637 $\hat{\sim}$ 752. Astrophysical Journal, 2000, 542, 655-666.	4.5	128
26	A STUDY OF FUNDAMENTAL LIMITATIONS TO STATISTICAL DETECTION OF REDSHIFTED H I FROM THE EPOCH OF REIONIZATION. Astrophysical Journal, 2013, 776, 6.	4.5	123
27	FOREGROUNDS IN WIDE-FIELD REDSHIFTED 21 cm POWER SPECTRA. Astrophysical Journal, 2015, 804, 14.	4.5	122
28	100 $\hat{\sim}$ 4 μ s RESOLUTION VLBI IMAGING OF ANISOTROPIC INTERSTELLAR SCATTERING TOWARD PULSAR B0834+06. Astrophysical Journal, 2010, 708, 232-243.	4.5	115
29	Extragalactic Peaked-spectrum Radio Sources at Low Frequencies. Astrophysical Journal, 2017, 836, 174.	4.5	112
30	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
31	Rapid Variability and Annual Cycles in the Characteristic Timescale of the Scintillating Source PKS 1257 $\hat{\sim}$ 326. Astrophysical Journal, 2003, 585, 653-664.	4.5	105
32	Extremely High Precision VLBI Astrometry of PSR J0437-4715 and Implications for Theories of Gravity. Astrophysical Journal, 2008, 685, L67-L70.	4.5	101
33	BIGHORNS - Broadband Instrument for Global HydrOgen ReioNisation Signal. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	101
34	Empirical covariance modeling for 21Åcm power spectrum estimation: A method demonstration and new limits from early Murchison Widefield Array 128-tile data. Physical Review D, 2015, 91, .	4.7	99
35	A wide and collimated radio jet in 3C84 on the scale of a few hundred gravitational radii. Nature Astronomy, 2018, 2, 472-477.	10.1	99
36	The VLBI Space Observatory Programme and the Radio-Astronomical Satellite HALCA. Publication of the Astronomical Society of Japan, 2000, 52, 955-965.	2.5	98

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37	CHIPS: THE COSMOLOGICAL H I POWER SPECTRUM ESTIMATOR. <i>Astrophysical Journal</i> , 2016, 818, 139.	4.5	98
38	The Commensal Real-Time ASKAP Fast-Transients (CRAFT) Survey. <i>Publications of the Astronomical Society of Australia</i> , 2010, 27, 272-282.	3.4	93
39	Improving the Epoch of Reionization Power Spectrum Results from Murchison Widefield Array Season 1 Observations. <i>Astrophysical Journal</i> , 2019, 884, 1.	4.5	92
40	VAST: An ASKAP Survey for Variables and Slow Transients. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	88
41	PRECISION SOUTHERN HEMISPHERE VLBI PULSAR ASTROMETRY. II. MEASUREMENT OF SEVEN PARALLAXES. <i>Astrophysical Journal</i> , 2009, 701, 1243-1257.	4.5	84
42	TANAMI: tracking active galactic nuclei with austral milliarcsecond interferometry. <i>Astronomy and Astrophysics</i> , 2010, 519, A45.	5.1	82
43	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
44	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.	4.4	79
45	FAST HOLOGRAPHIC DECONVOLUTION: A NEW TECHNIQUE FOR PRECISION RADIO INTERFEROMETRY. <i>Astrophysical Journal</i> , 2012, 759, 17.	4.5	76
46	Discovery of a Subparsec Radio Counterjet in the Nucleus of Centaurus A. <i>Astrophysical Journal</i> , 1996, 466, L63-L65.	4.5	76
47	ATCA Monitoring Observations of 202 Compact Radio Sources in Support of the VSOP AGN Survey. <i>Publication of the Astronomical Society of Japan</i> , 2003, 55, 351-384.	2.5	74
48	CONFIRMATION OF WIDE-FIELD SIGNATURES IN REDSHIFTED 21 cm POWER SPECTRA. <i>Astrophysical Journal Letters</i> , 2015, 807, L28.	8.3	73
49	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.	4.4	70
50	First Season MWA Phase II Epoch of Reionization Power Spectrum Results at Redshift 7. <i>Astrophysical Journal</i> , 2019, 887, 141.	4.5	69
51	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
52	THE MURCHISON WIDEFIELD ARRAY 21 cm POWER SPECTRUM ANALYSIS METHODOLOGY. <i>Astrophysical Journal</i> , 2016, 825, 114.	4.5	67
53	BROADBAND SPECTRAL MODELING OF THE EXTREME GIGAHERTZ-PEAKED SPECTRUM RADIO SOURCE PKS B0008-421. <i>Astrophysical Journal</i> , 2015, 809, 168.	4.5	65
54	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

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55	Understanding instrumental Stokes leakage in Murchison Widefield Array polarimetry. <i>Radio Science</i> , 2015, 50, 52-65.	1.6	64
56	The EoR sensitivity of the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 429, L5-L9.	3.3	62
57	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
58	Real-time imaging of density ducts between the plasmasphere and ionosphere. <i>Geophysical Research Letters</i> , 2015, 42, 3707-3714.	4.0	61
59	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
60	Characterization of a Low-Frequency Radio Astronomy Prototype Array in Western Australia. <i>IEEE Transactions on Antennas and Propagation</i> , 2015, 63, 5433-5442.	5.1	57
61	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.	4.4	54
62	The VSOP 5 GHz AGN Survey I. Compilation and Observations. <i>Publication of the Astronomical Society of Japan</i> , 2000, 52, 997-1014.	2.5	53
63	The 1997 hard-state outburst of the X-ray transient GS 1354-64/BW Cir. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 323, 517-528.	4.4	53
64	An Investigation of Synchrotron Self-absorption and Free-Free Absorption Models in Explanation of the Gigahertz-peaked Spectrum of PKS 1718-649. <i>Astronomical Journal</i> , 2003, 126, 723-733.	4.7	52
65	Ten Milliparsec-Scale Structure of the Nucleus Region in Centaurus A. <i>Publication of the Astronomical Society of Japan</i> , 2006, 58, 211-216.	2.5	52
66	LIMITS ON EINSTEIN'S EQUIVALENCE PRINCIPLE FROM THE FIRST LOCALIZED FAST RADIO BURST FRB 150418. <i>Astrophysical Journal Letters</i> , 2016, 820, L31.	8.3	52
67	The Sardinia Radio Telescope. <i>Astronomy and Astrophysics</i> , 2017, 608, A40.	5.1	52
68	Implications of a VLBI Distance to the Double Pulsar J0737-3039A/B. <i>Science</i> , 2009, 323, 1327-1329.	12.6	51
69	Prospects for accurate distance measurements of pulsars with the Square Kilometre Array: Enabling fundamental physics. <i>Astronomy and Astrophysics</i> , 2011, 528, A108.	5.1	51
70	A 22 GHz VLBI Survey of 140 Compact Extragalactic Radio Sources. <i>Astronomical Journal</i> , 1996, 111, 2174.	4.7	49
71	V-FASTR: THE VLBA FAST RADIO TRANSIENTS EXPERIMENT. <i>Astrophysical Journal</i> , 2011, 735, 97.	4.5	47
72	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.	4.4	47

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73	Interferometric Imaging with the 32 Element Murchison Wide-Field Array. Publications of the Astronomical Society of the Pacific, 2010, 122, 1353-1366.	3.1	45
74	A SEARCH FOR FAST RADIO BURSTS AT LOW FREQUENCIES WITH MURCHISON WIDEFIELD ARRAY HIGH TIME RESOLUTION IMAGING. Astronomical Journal, 2015, 150, 199.	4.7	45
75	The High Time and Frequency Resolution Capabilities of the Murchison Widefield Array. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	44
76	SUPPLEMENT: α LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	7.7	44
77	The Subparsec-Scale Radio Properties of Southern Starburst Galaxies. I. Supernova Remnants, the Supernova Rate, and the Ionized Medium in the NGC 253 Starburst. Astronomical Journal, 2006, 132, 1333-1345.	4.7	43
78	Capturing the electromagnetic counterparts of binary neutron star mergers through low-latency gravitational wave triggers. Monthly Notices of the Royal Astronomical Society, 2016, 459, 121-139.	4.4	43
79	X-ray magnitude of the 4 November 2003 solar flare inferred from the ionospheric attenuation of the galactic radio background. Journal of Geophysical Research, 2005, 110, .	3.3	42
80	The VSOP 5 GHz Active Galactic Nucleus Survey. V. Imaging Results for the Remaining 140 Sources. Astrophysical Journal, Supplement Series, 2008, 175, 314-355.	7.7	42
81	Measuring phased array antenna beampatterns with high dynamic range for the Murchison Widefield Array using 137 MHz ORBCOMM satellites. Radio Science, 2015, 50, 614-629.	1.6	42
82	SCINTILLATION ARCS IN LOW-FREQUENCY OBSERVATIONS OF THE TIMING-ARRAY MILLISECOND PULSAR PSR J0437-4715. Astrophysical Journal, 2016, 818, 86.	4.5	42
83	No Low-frequency Emission from Extremely Bright Fast Radio Bursts. Astrophysical Journal Letters, 2018, 867, L12.	8.3	42
84	Modelling of the spectral energy distribution of Fornax A: leptonic and hadronic production of high-energy emission from the radio lobes. Monthly Notices of the Royal Astronomical Society, 2015, 446, 3478-3491.	4.4	41
85	Comparing Redundant and Sky-model-based Interferometric Calibration: A First Look with Phase II of the MWA. Astrophysical Journal, 2018, 863, 170.	4.5	41
86	A 5-GHz Southern Hemisphere VLBI Survey of Compact Radio Sources.I.. Astronomical Journal, 1997, 114, 1999.	4.7	41
87	VSOP Space VLBI and Geodetic VLBI Investigations of Southern Hemisphere Radio Sources. Astrophysical Journal, Supplement Series, 2002, 141, 311-335.	7.7	40
88	AN OPPORTUNISTIC SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) WITH THE MURCHISON WIDEFIELD ARRAY. Astrophysical Journal Letters, 2016, 827, L22.	8.3	40
89	Limits on low-frequency radio emission from southern exoplanets with the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society, 2014, 446, 2560-2565.	4.4	39
90	The First Murchison Widefield Array low-frequency radio observations of cluster scale non-thermal emission: the case of Abell 3667. Monthly Notices of the Royal Astronomical Society, 2014, 445, 330-346.	4.4	39

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91	A SEARCH FOR FAST RADIO BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2014, 790, 63.	4.5	39
92	The Murchison Widefield Array Correlator. <i>Publications of the Astronomical Society of Australia</i> , 2015, 32, .	3.4	39
93	The Subparsec-Scale Structure and Evolution of Centaurus A. II. Continued Very Long Baseline Array Monitoring. <i>Astronomical Journal</i> , 2001, 122, 1697-1706.	4.7	39
94	Bright Giant Pulses from the Crab Nebula Pulsar: Statistical Properties, Pulse Broadening, and Scattering Due to the Nebula. <i>Astrophysical Journal</i> , 2008, 676, 1200-1209.	4.5	38
95	FIRST SPECTROSCOPIC IMAGING OBSERVATIONS OF THE SUN AT LOW RADIO FREQUENCIES WITH THE MURCHISON WIDEFIELD ARRAY PROTOTYPE. <i>Astrophysical Journal Letters</i> , 2011, 728, L27.	8.3	38
96	THE FIRST VERY LONG BASELINE INTERFEROMETRIC SETI EXPERIMENT. <i>Astronomical Journal</i> , 2012, 144, 38.	4.7	38
97	Low Altitude Solar Magnetic Reconnection, Type III Solar Radio Bursts, and X-ray Emissions. <i>Scientific Reports</i> , 2018, 8, 1676.	3.3	38
98	The Nearest GHz Peaked-Spectrum Radio Galaxy, PKS 1718-649. <i>Astronomical Journal</i> , 1997, 113, 2025.	4.7	38
99	A sample of southern Compact Steep Spectrum radio sources: The VLBI observations. <i>Astronomy and Astrophysics</i> , 2002, 392, 841-850.	5.1	37
100	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
101	Wide-field VLBA observations of the <i>Chandra</i> deep field South. <i>Astronomy and Astrophysics</i> , 2011, 526, A74.	5.1	37
102	A DEEP SEARCH FOR PROMPT RADIO EMISSION FROM THE SHORT GRB 150424A WITH THE MURCHISON WIDEFIELD ARRAY. <i>Astrophysical Journal Letters</i> , 2015, 814, L25.	8.3	37
103	A Machine Learning Classifier for Fast Radio Burst Detection at the VLBA. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 084503.	3.1	37
104	The AuScope geodetic VLBI array. <i>Journal of Geodesy</i> , 2013, 87, 527-538.	3.6	36
105	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.	4.7	36
106	Time-domain and spectral properties of pulsars at 154 MHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 908-921.	4.4	35
107	New candidate GHz peaked spectrum and compact steep spectrum sources. <i>Astronomy and Astrophysics</i> , 2004, 424, 91-106.	5.1	35
108	A 5 GHz Southern Hemisphere VLBI Survey of Compact Radio Sources. II.. <i>Astronomical Journal</i> , 1998, 115, 1357-1370.	4.7	35

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109	Overview of the coordinated ground-based observations of Titan during the Huygens mission. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	34
110	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
111	The unusual afterglow of the gamma-ray burst 100621A. <i>Astronomy and Astrophysics</i> , 2013, 560, A70.	5.1	34
112	Dual-frequency VLBI study of Centaurus A on sub-parsec scales. <i>Astronomy and Astrophysics</i> , 2011, 530, L11.	5.1	33
113	A VLBA SEARCH FOR BINARY BLACK HOLES IN ACTIVE GALACTIC NUCLEI WITH DOUBLE-PEAKED OPTICAL EMISSION LINE SPECTRA. <i>Astronomical Journal</i> , 2011, 141, 174.	4.7	33
114	The 2003 radio outburst of a new X-ray transient: XTE J1720-318. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 356, 125-130.	4.4	32
115	Estimates of the Free-Free Optical Depth toward the Subparsec-Scale Radio Source in Centaurus A. <i>Astrophysical Journal</i> , 2001, 546, 210-215.	4.5	31
116	The VSOP 5 GHz Active Galactic Nucleus Survey. III. Imaging Results for the First 102 Sources. <i>Astrophysical Journal, Supplement Series</i> , 2004, 155, 33-72.	7.7	31
117	LOW-FREQUENCY OBSERVATIONS OF THE MOON WITH THE MURCHISON WIDEFIELD ARRAY. <i>Astronomical Journal</i> , 2013, 145, 23.	4.7	31
118	Serendipitous discovery of a dying Giant Radio Galaxy associated with NGC 1534, using the Murchison Widefield Array. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 2468-2478.	4.4	31
119	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	31
120	Measuring the Brightness Temperature Distribution of Extragalactic Radio Sources with Space VLBI. <i>Astrophysical Journal</i> , 2001, 549, L55-L58.	4.5	31
121	Power spectrum analysis of ionospheric fluctuations with the Murchison Widefield Array. <i>Radio Science</i> , 2015, 50, 574-597.	1.6	30
122	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
123	PROSPECTS FOR THE DETECTION OF FAST RADIO BURSTS WITH THE MURCHISON WIDEFIELD ARRAY. <i>Astrophysical Journal Letters</i> , 2013, 776, L16.	8.3	30
124	Science at Very High Angular Resolution with the Square Kilometre Array. <i>Publications of the Astronomical Society of Australia</i> , 2012, 29, 42-53.	3.4	29
125	The unusual multiwavelength properties of the gamma-ray source PMN J1603-4904. <i>Astronomy and Astrophysics</i> , 2014, 562, A4.	5.1	29
126	Science with the Murchison Widefield Array: Phase I results and Phase II opportunities. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	3.4	29

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127	A Deep, High-Resolution Survey of the Low-Frequency Radio Sky. <i>Astrophysical Journal</i> , 2008, 673, 78-95.	4.5	29
128	The Pearson-Readhead Survey of Compact Extragalactic Radio Sources from Space. II. Analysis of Source Properties. <i>Astrophysical Journal</i> , 2001, 554, 964-980.	4.5	28
129	Interplanetary scintillation studies with the Murchison Widefield Array – II. Properties of sub-arcsecond compact sources at low radio frequencies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4937-4955.	4.4	28
130	The Pearson-Readhead Survey of Compact Extragalactic Radio Sources from Space. I. The Images. <i>Astrophysical Journal</i> , 2001, 554, 948-963.	4.5	28
131	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
132	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.	4.4	27
133	VLBI Observations of Southern EGRET Identifications. I. PKS 0208-512, PKS 0521-365, and PKS 0537-441. <i>Astrophysical Journal</i> , 1996, 464, 170.	4.5	27
134	VLBI Observations of Southern EGRET Identifications. II. VLBA Observations and the Importance of Jet Bending in Gamma-Ray Sources. <i>Astrophysical Journal</i> , 1998, 500, 673-684.	4.5	26
135	Wavelet-based Characterization of Small-scale Solar Emission Features at Low Radio Frequencies. <i>Astrophysical Journal</i> , 2017, 843, 19.	4.5	26
136	Spectral Flattening at Low Frequencies in Crab Giant Pulses. <i>Astrophysical Journal</i> , 2017, 851, 20.	4.5	26
137	The Parsec-Scale Structure and Evolution of the Nearby Fanaroff-Riley Type II Radio Galaxy Pictor A. <i>Astronomical Journal</i> , 2000, 119, 1695-1700.	4.7	26
138	VLBI Observations of Gamma-Ray-quiet Active Galactic Nuclei: Comparing Radio-Core Brightness Temperatures. <i>Astrophysical Journal</i> , 1998, 497, 594-600.	4.5	25
139	LOW-FREQUENCY IMAGING OF FIELDS AT HIGH GALACTIC LATITUDE WITH THE MURCHISON WIDEFIELD ARRAY 32 ELEMENT PROTOTYPE. <i>Astrophysical Journal</i> , 2012, 755, 47.	4.5	25
140	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
141	A new MWA limit on the 21-cm power spectrum at redshifts $z \sim 13$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4775-4790.	4.4	25
142	THE IMPACT OF THE IONOSPHERE ON GROUND-BASED DETECTION OF THE GLOBAL EPOCH OF REIONIZATION SIGNAL. <i>Astrophysical Journal</i> , 2015, 813, 18.	4.5	24
143	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
144	<i>In situ</i> measurement of MWA primary beam variation using ORBCOMM. <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, .	3.4	24

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145	Very long baseline interferometry detection of an Infrared-Faint Radio Source. Monthly Notices of the Royal Astronomical Society, 2007, 378, 1434-1438.	4.4	23
146	Spectral Energy Distribution and Radio Halo of NGC 253 at Low Radio Frequencies. Astrophysical Journal, 2017, 838, 68.	4.5	23
147	THE IMPACT OF FREQUENCY STANDARDS ON COHERENCE IN VLBI AT THE HIGHEST FREQUENCIES. Astronomical Journal, 2012, 144, 121.	4.7	22
148	PKS 0743-67: An Ultraluminous Accretion Disk and a High Kinetic Luminosity Jet. Astrophysical Journal, 2005, 633, L89-L92.	4.5	21
149	VLBI imaging throughout the primary beam using accurate UVÅshifting. Astronomy and Astrophysics, 2011, 526, A140.	5.1	21
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